Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20240905_MH		Analyst Review	Technical Review
BAC Summary	Verify batch name, instrument, analyst, UM%, and QC targets	✓	✓
	Verify Cal 1 obtained values and IS area counts	✓	✓
	Verify IS of all QCs and samples fall within acceptable area count range	✓	✓
BAC Batch Information	IS/calibrators/QCs lot numbers, expiration dates, and inventory numbers listed	✓	✓
	Confirm standards and/or reagents made in-house are verified	✓	✓
	Pipette(s) listed	✓	✓
Sequence(s)	Verify date is consistent with batch date	✓	✓
	Verify method used for all samples is correct, and all pages accounted for	✓	✓
	Reviewer verified, initialed, and dated sequence	✓	✓
Method	Verify correct method is included, and all pages accounted for	✓	✓
Performance Check	Verify air blank and PC are acceptable	✓	✓
Calibration Table & Curve	Verify date is consistent with calibration date, and all pages accounted for	✓	✓
	Verify R^2 values are acceptable for ethanol	✓	✓
Data	Verify calibrator area counts listed in the calibration table for ethanol	✓	✓
	Verify chromatography, retention time, and symmetry values are acceptable for ethanol	✓	✓
	Verify calibrators and QCs are within acceptable range for ethanol	✓	✓
	Verify all cases listed on BAC summary have data	✓	✓
	Verify barcodes match	✓	✓
Ethanol Confirmation Worksheet(s)	Verify aliquot values against data for all case samples	✓	✓
	Verify Reported Result and UM for all case samples	✓	✓
JTrax	Verify Reported Result and Reported UM against BAC Confirmation Worksheet(s) for all case samples	✓	✓
Verify QCs were added to QC log		✓	✓
All comments and/or strikethroughs, if any, initialed		✓	✓
All printed pages initialed		✓	✓
Total number of pages	143	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.09.11 07:47:20 -05'00'

Date: 9/11/2024

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.09.25 15:12:57 -05'00'

Date: 9/25/2024

Batch Name: BAC_20240905_MH

Technical Review Notes

-BCCL-24-1362 and BCCL-24-1402 data not crossed out and will be repeated comment missing -KB 9/20/2024

-Incorrect target listed for Blood QC A on batch summary sheet -KB 9/20/2024

-BCCL-24-1181, BCCL-24-1201, and BCCL-24-1222 all missing previously analyzed statement -KB 9/20/2024

BAC Summary Worksheet

Batch Name:	BAC_20240905_MH
Instrument:	BAC-1
Analyst:	Melissa Henry
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		190.6523	173.5082
Acceptance Range	**Min**	171.5871	156.1574
	Max	209.7176	190.8591

Calibrators	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
0.010 g/100mL Calibrator	0.0105	0.0105	0.0105	5.00	0.00	0.00	189.2725	172.7498
0.025 g/100mL Calibrator	0.0246	0.0247	0.0246	-1.60	0.00	0.41	184.4462	167.9214
0.050 g/100mL Calibrator	0.0494	0.0494	0.0494	-1.20	0.00	0.00	189.6527	172.5368
0.100 g/100mL Calibrator	0.0982	0.0981	0.0981	-1.90	0.10	0.00	191.5129	173.9863
0.200 g/100mL Calibrator	0.1972	0.1970	0.1971	-1.45	0.05	-0.05	195.6557	178.0385
0.400 g/100mL Calibrator	0.4010	0.4013	0.4011	0.27	-0.02	0.05	193.4543	175.9226
0.500 g/100mL Calibrator	0.5042	0.5042	0.5042	0.84	0.00	0.00	190.5721	173.4023

		Target	Acceptance Range Min	Acceptance Range Max
Calibrators	**Level 1**	0.0100	0.0090	0.0110
	Level 2	0.0250	0.0225	0.0275
	Level 3	0.0500	0.0450	0.0550
	Level 4	0.1000	0.0950	0.1050
	Level 5	0.2000	0.1900	0.2100
	Level 6	0.4000	0.3800	0.4200
	Level 7	0.5000	0.4750	0.5250

Controls	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
Negative	0.0000	0.0000	0.0000	-	-	-	193.8107	176.3318
High QC	0.4039	0.4041	0.4040	1.00	-0.02	0.02	192.6185	175.2163
Low QC	0.0799	0.0799	0.0799	-0.13	0.00	0.00	192.9083	175.3808
Blood QC A	0.0777	0.0775	0.0776	-1.52 ~~-0.26~~	9/23/2024 mh 0.13	-0.13	188.6929	171.2474
Blood QC B	0.2009	0.2013	0.2011	4.90	-0.10	0.10	187.6240	170.3244
Blood QC A	0.0802	0.0800	0.0801	1.65 ~~2.96~~	9/23/2024 mh 0.12	-0.12	185.7285	170.2729
Blood QC B	0.2012	0.2010	0.2011	4.90	0.05	-0.05	185.1607	170.5783
Blood QC A	0.0811	0.0810	0.0810	2.79 ~~4.11~~	9/23/2024 mh 0.12	0.00	182.4971	168.4184
Blood QC B	0.2007	0.1999	0.2003	4.49	0.20	-0.20	182.1725	167.9724
Blood QC A	0.0802	0.0806	0.0804	2.03 ~~3.34~~	9/23/2024 mh 0.25	0.25	179.5689	165.1378
High QC	0.4191	0.4162	0.4176	4.40	0.36	-0.34	183.8760	169.4682
Low QC	0.0825	0.0828	0.0826	3.25	-0.12	0.24	179.8683	165.9619
DI Water	0.0000	0.0000	0.0000	-	-	-	185.8768	171.5643

		Target	Acceptance Range Min	Acceptance Range Max
Controls	**High QC**	0.4000	0.3800	0.4200
	Low QC	0.0800	0.0760	0.0840
	~~**Blood QC A**~~	~~0.0778~~	~~0.0739~~	~~0.0817~~
	Blood QC B	0.1917	0.1821	0.2013
	Blood QC A	0.0788	0.0749	0.0827

9/23/2024 mh

	Lab Number	Ethanol Obtained Value Alq1 FID1	Ethanol Obtained Value Alq1 FID2	Ethanol Obtained Value Alq2 FID1	Ethanol Obtained Value Alq2 FID2	Result	UM	% Difference FID & Average Alq1 FID1	Alq1 FID2	Alq 2 FID1	Alq2 FID2	IS Area Counts Alq1 FID1	IS Area Counts Alq1 FID2	IS Area Counts Alq2 FID1	IS Area Counts Alq2 FID2
1	**BCCL-24-1181 001**	0.0552	0.0552	0.0571	0.0576	0.056	0.008	-1.91	-1.91	1.47	2.35	193.7555	175.7108	180.5905	166.3461
2	BCCL-24-1210 001	0.2374	0.2379	0.2430	0.2416	0.239	0.034	-1.07	-0.86	1.26	0.68	194.2789	175.8846	188.1162	173.4815
3	BCCL-24-1222 001	0.1412	0.1418	0.1395	0.1398	0.140	0.020	0.44	0.87	-0.76	-0.55	192.6945	173.8745	182.0203	167.4271
4	BCCL-24-1350 001_001	0.1918	0.1923	0.1943	0.1939	0.193	0.028	-0.66	-0.40	0.63	0.43	191.8840	173.3675	186.7415	171.8595
5	**BCCL-24-1355 001_001**	0.0000	0.0000	0.0000	0.0000	none detected	9/10/2024 mh	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	196.9868	177.9390	186.1183	172.0417
6	BCCL-24-1362 001_001	~~0.1820~~	~~0.1820~~	~~0.2159~~	~~0.2146~~	~~0.198~~	~~0.028~~	-8.37	-8.37	8.70	8.04	198.8192	180.0576	183.8405	169.7057
7	BCCL-24-1367 001_001	0.2699	0.2708	0.2788	0.2773	0.274	0.039	-1.57	-1.24	1.68	1.13	196.0165	177.5492	186.9841	172.3756
8	**BCCL-24-1374 001_001**	0.0948	0.0949	0.0976	0.0979	0.096	0.014	-1.56	-1.45	1.35	1.66	194.4053	176.4180	185.6508	171.3082
9	BCCL-24-1386 001	0.1942	0.1945	0.2065	0.2052	0.200	0.029	-2.95	-2.80	3.20	2.55	190.8257	173.1391	197.6045	182.4014
10	BCCL-24-1387 001	0.1569	0.1567	0.1638	0.1631	0.160	0.023	-2.01	-2.14	2.30	1.86	195.1427	177.7912	190.3205	175.9192
11	BCCL-24-1392 001_001	0.2267	0.2260	0.2349	0.2333	0.230	0.033	-1.53	-1.84	2.03	1.34	197.5989	180.3874	182.7449	168.9004
12	BCCL-24-1393 001_001	0.1756	0.1754	0.1787	0.1780	0.176	0.025	-0.75	-0.86	1.00	0.61	188.4205	171.5712	185.8679	171.3701
13	**BCCL-24-1401 001_001**	0.0000	0.0000	0.0000	0.0000	none detected	9/10/2024 mh	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	185.7716	169.6494	183.8669	169.7026
14	BCCL-24-1402 001_001	~~0.2868~~	~~0.2866~~	~~0.3335~~	~~0.3314~~	~~0.309~~	~~0.044~~	-7.36	-7.42	7.73	7.05	185.2333	169.0790	176.2683	162.5612
15	BCCL-24-1412 001_001	0.1479	0.1474	0.1447	0.1442	0.146	0.021	1.27	0.92	-0.92	-1.27	189.1124	173.1203	186.4295	172.0524
16	BCCL-24-1414 001_001	0.2427	0.2418	0.2385	0.2368	0.239	0.034	1.15	0.77	-0.60	-1.31	189.4135	173.5390	185.6231	171.4420
17	BCCL-24-1415 001_001	0.1711	0.1705	0.1708	0.1701	0.170	0.024	0.28	-0.07	0.10	-0.31	190.4029	174.6032	189.0742	174.2512
18	BCCL-24-1416 001_001	0.3905	0.3893	0.4037	0.4007	0.396	0.057	-1.40	-1.70	1.93	1.17	186.5416	170.6696	183.9571	169.6784
19	BCCL-24-1417 001_001	0.1578	0.1571	0.1623	0.1615	0.159	0.023	-1.17	-1.61	1.64	1.14	182.9059	168.2400	186.8504	172.5394
20	BCCL-24-1428 001_001	0.1342	0.1337	0.1334	0.1331	0.133	0.019	0.45	0.07	-0.15	-0.37	190.9645	175.0657	183.2621	168.8784
21	BCCL-24-1430 004_001	0.2317	0.2303	0.2402	0.2377	0.234	0.034	-1.39	-1.99	2.22	1.16	189.3889	174.1651	180.2003	166.6933
22	BCCL-24-1439 001_001	0.1305	0.1299	0.1391	0.1387	0.134	0.019	-3.01	-3.46	3.38	3.08	187.9438	172.6060	179.3733	165.2774
23	**BCCL-24-1440 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	187.9975	172.6458	186.0251	171.8874
24	BCCL-24-1441 002_001	0.0972	0.0968	0.1057	0.1055	0.101	0.015	-4.05	-4.44	4.34	4.15	191.1852	176.3008	182.0219	167.8279
25	BCCL-24-1455 001_001	0.3176	0.3153	0.3229	0.3209	0.319	0.046	-0.49	-1.21	1.17	0.54	186.0790	171.2978	182.6516	168.3637
26	**BCCL-24-1470 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	182.8522	168.6855	182.5087	168.6463
27	BCCL-24-1487 001_001	0.1501	0.1492	0.1640	0.1646	0.156	0.022	-4.38	-4.95	4.48	4.86	188.0908	173.3109	179.7089	166.2478
28	**BCCL-24-1506 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	184.3070	169.9965	183.0982	168.6804
29	BCCL-24-1524 001_001	0.3591	0.3549	0.3512	0.3487	0.353	0.051	1.59	0.40	-0.64	-1.35	184.8359	170.8478	186.7366	172.1617
30	**IS Ck A**	0.0000	0.0000			none detected		#DIV/0!	#DIV/0!			190.9432	175.8882		
31	**IS Ck B**	0.0000	0.0000			none detected		#DIV/0!	#DIV/0!			192.2571	177.3708		

The area of the new internal standard (lot R-24-5006) is within ± 20% of the area of the negative; therefore it meets acceptance criteria and is acceptable for use in casework. -- 9/10/2024 mh

Melissa Henry

Digitally signed by Melissa Henry
Date: 2024.09.10 13:24:07 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC_20240905_MH Analyst: Melissa Henry Instrument: BAC_1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN1227220I	2/29/2028	S-23-5008K
Cal 2	FN03122112	3/31/2026	S-23-5009A
Cal 3	FN03172301	3/31/2028	S-23-5010D
Cal 4	FN03072301	3/31/2028	S-23-5011D
Cal 5	FN03132302	3/31/2028	S-23-5012C
Cal 6	FN03052102	3/31/2026	S-23-5013B
Cal 7	FN06262004	7/31/2025	S-23-5014E
High QC	30012020-A	1/31/2025	S-23-5015A
Low QC	517757	6/21/2025	S-24-5001E
Blood QC A	2401241	2/28/2028	S-24-5002C
Blood QC B	2302120	5/31/2027	S-24-5003C
Internal Standard	N/A	9/13/2024	R-24-5001
Pipette(s)	5053, 205L		

Comments:

verifying internal standard R-24-5006 (exp. 3/4/2025) - 9/5/2024 mh

mh

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry
BAC_20240905_MH

Worklist ID: 16V38AXB03SZ4T

Case #	Evid #	Evid Type	Service
BCCL-24-1181	001	Blood	Alcohol
BCCL-24-1210	001	Blood	Alcohol
BCCL-24-1222	001	Blood	Alcohol
BCCL-24-1350	001_001	Blood	Alcohol
BCCL-24-1355	001_001	Blood	Alcohol
BCCL-24-1362	001_001	Blood	Alcohol
BCCL-24-1367	001_001	Blood	Alcohol
BCCL-24-1374	001-001 ~~001-001~~ 9/23/2024 mh	Blood	Alcohol
BCCL-24-1386	001	Blood	Alcohol
BCCL-24-1387	001	Blood	Alcohol
BCCL-24-1392	001_001	Blood	Alcohol
BCCL-24-1393	001_001	Blood	Alcohol
BCCL-24-1401	001_001	Blood	Alcohol

mh

BAC-20240905-MH

Case #	Evid #	Evid Type	Service
BCCL-24-1402	001_001	Blood	Alcohol
BCCL-24-1412	001_001	Blood	Alcohol
BCCL-24-1414	001_001	Blood	Alcohol
BCCL-24-1415	001_001	Blood	Alcohol
BCCL-24-1416	001_001	Blood	Alcohol
BCCL-24-1417	001_001	Blood	Alcohol
BCCL-24-1428	001_001	Blood	Alcohol
BCCL-24-1430	004_001	Blood	Alcohol
BCCL-24-1439	001_001	Blood	Alcohol
BCCL-24-1440	001_001	Blood	Alcohol
BCCL-24-1441	002_001	Blood	Alcohol
BCCL-24-1455	001_001	Blood	Alcohol
BCCL-24-1470	001_001	Blood	Alcohol
BCCL-24-1487	001_001	Blood	Alcohol
BCCL-24-1506	001_001	Blood	Alcohol

BAC_20240905-MH

Case #	Evid #	Evid Type	Service
BCCL-24-1524	001_001	Blood	Alcohol

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2024\BAC_20240905_MH.S
Operator : Melissa Henry
Data File Naming : Auto
Data Directory : C:\Chem32\1\Data\
Data Subdirectory : 2024
Barcode Reader : used in Sequence
Barcode option : On barcode mismatch inject anyway
Shutdown Cmd/Macro : LOADMETHOD "C:\Chem32\1\methods\","shutdown.M"
Sequence Comment :
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

SEQUENCE TABLE: verified KCB 9/5/2024

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-1839)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 1

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Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (24-1840)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 2

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Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-1841)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 3

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Line : 4
Location : 4
Sample Information :
Sample Name : 0.100 g/100mL Cal (24-1842)
Method Name : BAC
Sample Type : Calibration

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mh

Calibration Level : 4

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Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (24-1843)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

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Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (24-1844)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

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Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (24-1845)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

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Line : 8
Location : 8
Sample Information :
Sample Name : Negative (24-1846)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-1847)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :

mh

Sample Name : Low QC (24-1848)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-1849)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-24-1181 001 (24-1850)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-24-1210 001 (24-1851)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-24-1222 001 (24-1852)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-24-1350 001_001 (24-1853)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

mh

Sample Name : BCCL-24-1355 001_001 (24-1854)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-24-1362 001_001 (24-1855)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-24-1367 001_001 (24-1856)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-24-1374 001_001 (24-1857)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-24-1386 001 (24-1858)
Method Name : BAC
Sample Type : Sample

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-1387 001 (24-1859)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

Sample Name : Blood QC B (24-1860)
Method Name : BAC
Sample Type : Sample

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-1392 001_001 (24-1861)
Method Name : BAC
Sample Type : Sample

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-1393 001_001 (24-1862)
Method Name : BAC
Sample Type : Sample

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-1401 001_001 (24-1863)
Method Name : BAC
Sample Type : Sample

Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-24-1402 001_001 (24-1864)
Method Name : BAC
Sample Type : Sample

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-1412 001_001 (24-1865)
Method Name : BAC
Sample Type : Sample

Line : 28
Location : 28
Sample Information : Alq 1

mh

Sample Name : BCCL-24-1414 001_001 (24-1866)
Method Name : BAC
Sample Type : Sample

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-1415 001_001 (24-1867)
Method Name : BAC
Sample Type : Sample

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-1416 001_001 (24-1868)
Method Name : BAC
Sample Type : Sample

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-1417 001_001 (24-1869)
Method Name : BAC
Sample Type : Sample

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-24-1428 001_001 (24-1870)
Method Name : BAC
Sample Type : Sample

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-1871)
Method Name : BAC
Sample Type : Sample

Line : 34
Location : 34
Sample Information : Alq 1

mh

Sample Name : BCCL-24-1430 004_001 (24-1872)
Method Name : BAC
Sample Type : Sample

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Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-24-1439 001_001 (24-1873)
Method Name : BAC
Sample Type : Sample

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Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-24-1440 001_001 (24-1874)
Method Name : BAC
Sample Type : Sample

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Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-24-1441 002_001 (24-1875)
Method Name : BAC
Sample Type : Sample

==========

Line : 38
Location : 38
Sample Information : Alq 1
Sample Name : BCCL-24-1455 001_001 (24-1876)
Method Name : BAC
Sample Type : Sample

==========

Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : BCCL-24-1470 001_001 (24-1877)
Method Name : BAC
Sample Type : Sample

==========

Line : 40
Location : 40
Sample Information : Alq 1

mh

Sample Name : BCCL-24-1487 001_001 (24-1878)
Method Name : BAC
Sample Type : Sample

Line : 41
Location : 41
Sample Information : Alq 1
Sample Name : BCCL-24-1506 001_001 (24-1879)
Method Name : BAC
Sample Type : Sample

Line : 42
Location : 42
Sample Information : Alq 1
Sample Name : BCCL-24-1524 001_001 (24-1880)
Method Name : BAC
Sample Type : Sample

Line : 43
Location : 43
Sample Information :
Sample Name : Blood QC B (24-1881)
Method Name : BAC
Sample Type : Sample

Line : 44
Location : 44
Sample Information : Alq 2
Sample Name : BCCL-24-1524 001_001 (24-1882)
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-1506 001_001 (24-1883)
Method Name : BAC
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2

Sample Name : BCCL-24-1487 001_001 (24-1884)
Method Name : BAC
Sample Type : Sample

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-1470 001_001 (24-1885)
Method Name : BAC
Sample Type : Sample

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-1455 001_001 (24-1886)
Method Name : BAC
Sample Type : Sample

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-1441 002_001 (24-1887)
Method Name : BAC
Sample Type : Sample

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-24-1440 001_001 (24-1888)
Method Name : BAC
Sample Type : Sample

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-1439 001_001 (24-1889)
Method Name : BAC
Sample Type : Sample

Line : 52
Location : 52
Sample Information : Alq 2

mh

Sample Name : BCCL-24-1430 004_001 (24-1890)
Method Name : BAC
Sample Type : Sample

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-1428 001_001 (24-1891)
Method Name : BAC
Sample Type : Sample

Line : 54
Location : 54
Sample Information :
Sample Name : Blood QC A (24-1892)
Method Name : BAC
Sample Type : Sample

Line : 55
Location : 55
Sample Information : Alq 2
Sample Name : BCCL-24-1417 001_001 (24-1893)
Method Name : BAC
Sample Type : Sample

Line : 56
Location : 56
Sample Information : Alq 2
Sample Name : BCCL-24-1416 001_001 (24-1894)
Method Name : BAC
Sample Type : Sample

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-24-1415 001_001 (24-1895)
Method Name : BAC
Sample Type : Sample

Line : 58
Location : 58
Sample Information : Alq 2

Sample Name : BCCL-24-1414 001_001 (24-1896)
Method Name : BAC
Sample Type : Sample

==========

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-24-1412 001_001 (24-1897)
Method Name : BAC
Sample Type : Sample

==========

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-24-1402 001_001 (24-1898)
Method Name : BAC
Sample Type : Sample

==========

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-24-1401 001_001 (24-1899)
Method Name : BAC
Sample Type : Sample

==========

Line : 62
Location : 62
Sample Information : Alq 2
Sample Name : BCCL-24-1393 001_001 (24-1900)
Method Name : BAC
Sample Type : Sample

==========

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-24-1392 001_001 (24-1901)
Method Name : BAC
Sample Type : Sample

==========

Line : 64
Location : 64
Sample Information : Alq 2

mh

Sample Name : BCCL-24-1387 001 (24-1902)
Method Name : BAC
Sample Type : Sample

==========

Line : 65
Location : 65
Sample Information :
Sample Name : Blood QC B (24-1903)
Method Name : BAC
Sample Type : Sample

==========

Line : 66
Location : 66
Sample Information : Alq 2
Sample Name : BCCL-24-1386 001 (24-1904)
Method Name : BAC
Sample Type : Sample

==========

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-24-1374 001_001 (24-1905)
Method Name : BAC
Sample Type : Sample

==========

Line : 68
Location : 68
Sample Information : Alq 2
Sample Name : BCCL-24-1367 001_001 (24-1906)
Method Name : BAC
Sample Type : Sample

==========

Line : 69
Location : 69
Sample Information : Alq 2
Sample Name : BCCL-24-1362 001_001 (24-1907)
Method Name : BAC
Sample Type : Sample

==========

Line : 70
Location : 70
Sample Information : Alq 2

mh

Sample Name : BCCL-24-1355 001_001 (24-1908)
Method Name : BAC
Sample Type : Sample

Line : 71
Location : 71
Sample Information : Alq 2
Sample Name : BCCL-24-1350 001_001 (24-1909)
Method Name : BAC
Sample Type : Sample

Line : 72
Location : 72
Sample Information : Alq 2
Sample Name : BCCL-24-1222 001 (24-1910)
Method Name : BAC
Sample Type : Sample

Line : 73
Location : 73
Sample Information : Alq 2
Sample Name : BCCL-24-1210 001 (24-1911)
Method Name : BAC
Sample Type : Sample

Line : 74
Location : 74
Sample Information : Alq 2
Sample Name : BCCL-24-1181 001 (24-1912)
Method Name : BAC
Sample Type : Sample

Line : 75
Location : 75
Sample Information :
Sample Name : IS Ck A (24-1913)
Method Name : BAC
Sample Type : Sample

Line : 76
Location : 76
Sample Information :

Sample Name : IS Ck B (24-1914)
Method Name : BAC
Sample Type : Sample

==========

Line : 77
Location : 77
Sample Information :
Sample Name : Blood QC A (24-1915)
Method Name : BAC
Sample Type : Sample

==========

Line : 78
Location : 78
Sample Information :
Sample Name : High QC (24-1916)
Method Name : BAC
Sample Type : Sample

==========

Line : 79
Location : 79
Sample Information :
Sample Name : Low QC (24-1917)
Method Name : BAC
Sample Type : Sample

==========

Line : 80
Location : 80
Sample Information :
Sample Name : DI Water (24-1918)
Method Name : BAC
Sample Type : Sample

==========

method: C:\Chem32\1\Methods\BAC.M
Modified on: 8/29/2024 at 9:43:58 AM

Method Information

Method: C:\Chem32\1\Methods\BAC.M
Modified: 8/29/2024 at 9:43:58 AM

Run Time Checklist

Pre-Run Cmd/Macro:	off
Data Acquisition:	on
Standard Data Analysis:	on
Customized Data Analysis:	off
Save GLP Data:	off
Post-Run Cmd/Macro:	off
Save Method with Data:	on

Injection Source and Location

Injection Source: HS 10.11.30.56

Injection Location: GC Front

method: C:\Chem32\1\Methods\BAC.M
Modified on: 8/29/2024 at 9:43:58 AM

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Agilent 7697A

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Agilent 7697A
Instrument Info

Address:	10.11.30.56
Serial Number:	CN18320011
Firmware Revision:	A.01.08

Instrument Settings

Vial Pressurization Gas:	Helium
Loop Size (mL):	1
Keyboard Lock:	ON
Transfer Line Type:	Fused Silica
Transfer Line Diameter (mm):	0.53

System Configuration

Carrier Control:	GC Instrument

Resource Conservation

Vial Standby Flow (mL/min):	20

Temperature Settings:

Oven Temperature (°C):	70
Loop Temperature (°C):	70
Transfer Line Temperature (°C):	90

Timing Settings:

Vial Equilibration (min):	7.00
Injection Duration (min):	0.50
GC Cycle Time (min):	4.50

Vial and Loop Settings:

Vial Size:	20
Vial Shaking:	OFF
Fill Mode:	Default
Fill Pressure (psi):	10
Loop Fill Mode:	Custom
Loop Ramp Rate (psi/min):	30
Loop Final Pressure (psi):	1
Loop Equilibration Time:	0.05

Carrier Settings:

Carrier Control Mode:	GC controls Carrier

Advanced Settings:

Extraction Mode:	Single Extraction
Vent After Extraction:	ON
Post Injection Purge:	200 mL/min for 3 min
Acceptable Leak Check:	Default, 0.2mL/min
Barcode Symbology:	Enable All
Barcode Checksum:	OFF

method: C:\Chem32\1\Methods\BAC.M
Modified on: 8/29/2024 at 9:43:58 AM

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Agilent 7890A

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GC	
GC Summary	
Run Time	4 min
Post Run Time	0 min
Oven	
Equilibration Time	3 min
Max Temperature	260 °C
Maximum Temperature Override	Disabled
Slow Fan	Disabled
Temperature	
Setpoint	On
(Initial)	40 °C
Hold Time	4 min
Post Run	50 °C
Front SS Inlet He	
Mode	Split
Heater	On 110 °C
Pressure	On 24 psi
Total Flow	On 79.947 mL/min
Septum Purge Flow	On 3 mL/min
Gas Saver	Off
Split Ratio	10 :1
Split Flow	69.952 mL/min
Column	
Column Outlet Pressure	0 psi
Column #1	
Column Information	Agilent 123-9134
DB-ALC1	
Temperature Range	-60 °C—260 °C (260 °C)
Dimensions	30 m x 320 µm x 1.8 µm
In	Front SS Inlet He
Out	Front Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	6.9952 mL/min
Average Velocity	80.325 cm/sec
Holdup Time	0.62247 min
Pressure	
Setpoint	On
(Initial)	24 psi
Post Run	9.4366 psi
Column #2	
Column Information	Agilent 123-9234
DB-ALC2	
Temperature Range	-60 °C—260 °C (260 °C)

method: C:\Chem32\1\Methods\BAC.M
Modified on: 8/29/2024 at 9:43:58 AM

Dimensions	30 m x 320 µm x 1.2 µm
In	Front SS Inlet He
Out	Back Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	7.1019 mL/min
Average Velocity	80.935 cm/sec
Holdup Time	0.61778 min
Pressure	
Setpoint	On
(Initial)	24 psi
Post Run	9.4366 psi

Front Detector FID	
Makeup	N2
Heater	On 250 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Does not affect Makeup or Fuel Flow
Flame	On

Back Detector FID	
Makeup	N2
Column Compensation	Signal is modified by Column Compensation Curve #2
Heater	On 250 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Does not affect Makeup or Fuel Flow
Flame	On

Aux EPC 1,2,3	
Aux EPC 1 He	
	Excluded from Affecting GC's Readiness State
Pressure	
Setpoint	Off
(Initial)	10 psi
Post Run	0 psi

Aux EPC 2 He	
	Excluded from Affecting GC's Readiness State
Pressure	
Setpoint	Off
(Initial)	10 psi
Post Run	0 psi

Aux EPC 3 He	
	Excluded from Affecting GC's Readiness State
Pressure	
Setpoint	Off
(Initial)	10 psi
Post Run	0 psi

method: C:\Chem32\1\Methods\BAC.M
Modified on: 8/29/2024 at 9:43:58 AM

Signals

Signal #1: Front Signal	
Description	Front Signal
Details	Front Signal (FID)
Save	On
Data Rate	20 Hz
Signal #2: Back Signal	
Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz
Signal #3: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz
Signal #4: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz

The Data Analysis Parameters of the used Method are :

Integration Events

Non signal specific Integration Events

Event	Value
Tangent Skim Mode	Standard
Tail Peak Skim Height Ratio	0.000
Front Peak Skim Height Ratio	0.000
Skim Valley Ratio	20.000
Baseline Correction	Classical
Peak to Valley Ratio	500.000

method: C:\Chem32\1\Methods\BAC.M
Modified on: 8/29/2024 at 9:43:58 AM

Default Integration Event Table "Event"

Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_ADC"

Event	Value	Time
Initial Slope Sensitivity	20.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_TCD"

Event	Value	Time
Initial Slope Sensitivity	100.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	250000.000	0.000

Detector Default Integration Event Table "Event_ECD"

Event	Value	Time
Initial Slope Sensitivity	100.000	Initial
Initial Peak Width	0.080	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

method: C:\Chem32\1\Methods\BAC.M
Modified on: 8/29/2024 at 9:43:58 AM

Detector Default Integration Event Table "Event_NPD"

Event	Value	Time
Initial Slope Sensitivity	500.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

Detector Default Integration Event Table "Event_FPD"

Event	Value	Time
Initial Slope Sensitivity	50.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

Detector Default Integration Event Table "Event_uECD"

Event	Value	Time
Initial Slope Sensitivity	500.000	Initial
Initial Peak Width	0.080	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

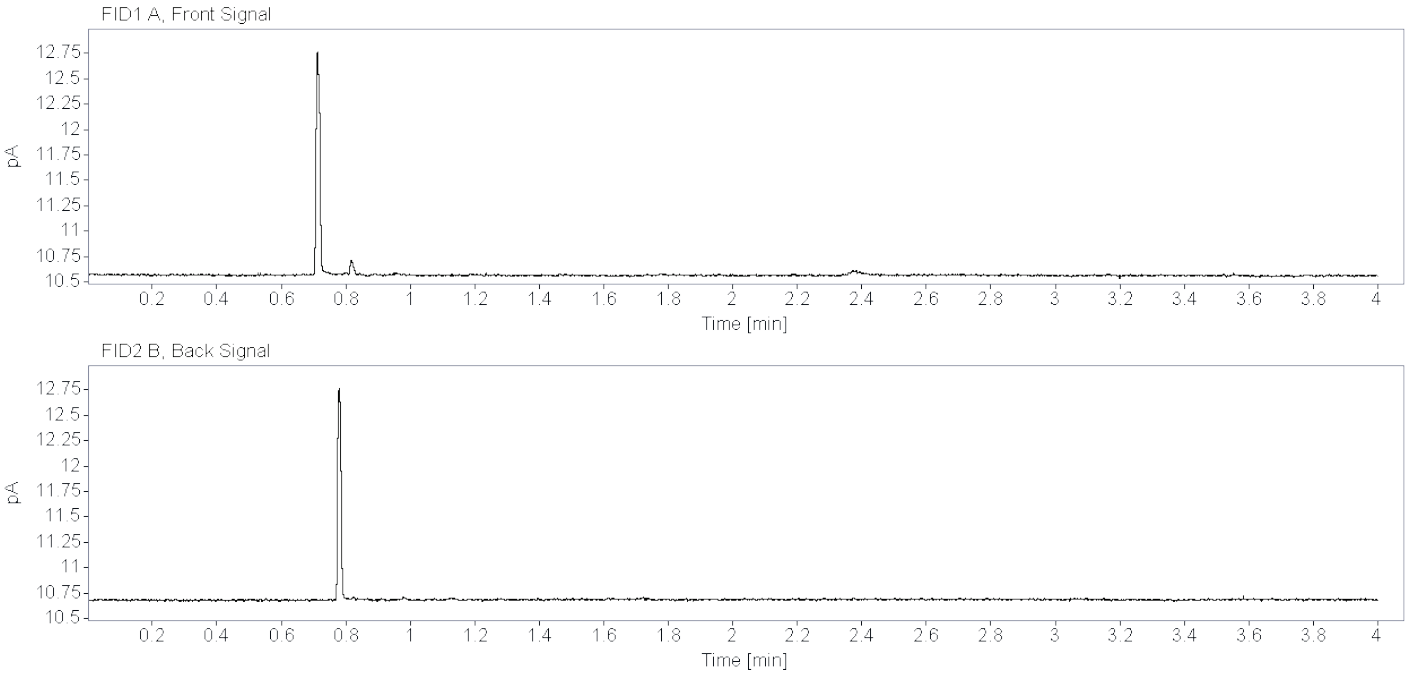
Detector Default Integration Event Table "Event_FID"

Event	Value	Time
Initial Slope Sensitivity	50.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	2.000	Initial
Initial Height Reject	2.000	Initial
Initial Shoulders	OFF	Initial

Apply Method's Manual Integration Events: No

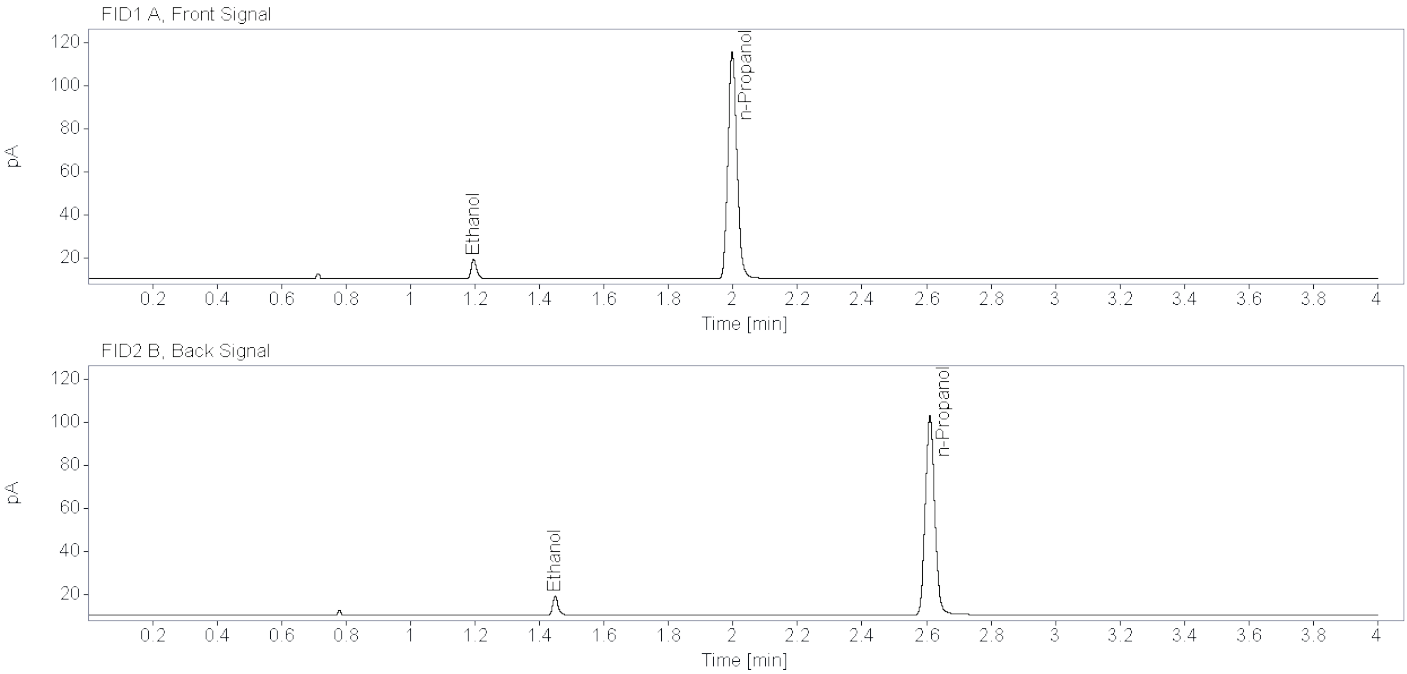
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 1:31:50 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905PC_MH 2024-09-05 13-21-51\001F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 1:36:33 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905PC_MH 2024-09-05 13-21-51\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75106	1.196	1.196	10.5117	0.0106
n-Propanol	0.85596	1.997	1.998	203.1558	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76277	1.449	1.449	9.9397	0.0108
n-Propanol	0.90084	2.610	2.611	185.6918	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 9/6/2024 7:48:25 AM
Signals calculated separately : No

Rel. Reference Window : 2.000 %
Abs. Reference Window : 0.000 min
Rel. Non-ref. Window : 2.000 %
Abs. Non-ref. Window : 0.000 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Ignored
Weight : Linear (Resp)

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Sample ISTD Information:

ISTD #	ISTD Amount [g/100 mL]	Name
1	1.00000e-2	n-Propanol
2	1.00000e-2	n-Propanol

Signal Details

Signal 1: FID1 A, Front Signal
Signal 2: FID2 B, Back Signal

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.192	1	1	1.00000e-2	10.00576	9.99424e-4	No	No	1	Ethanol
		2	2.50000e-2	24.55608	1.01808e-3				
		3	5.00000e-2	51.98745	9.61771e-4				
		4	1.00000e-1	105.64887	9.46532e-4				
		5	2.00000e-1	218.02319	9.17334e-4				
		6	4.00000e-1	439.61362	9.09890e-4				
		7	5.00000e-1	544.88092	9.17632e-4				
1.445	2	1	1.00000e-2	9.25632	1.08034e-3	No	No	2	Ethanol
		2	2.50000e-2	22.90587	1.09142e-3				
		3	5.00000e-2	48.24886	1.03629e-3				
		4	1.00000e-1	97.96220	1.02080e-3				
		5	2.00000e-1	202.55302	9.87396e-4				
		6	4.00000e-1	408.96307	9.78083e-4				
		7	5.00000e-1	506.87308	9.86440e-4				
1.997	1	1	1.00000e-2	189.27254	5.28339e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	184.44617	5.42164e-5				
		3	1.00000e-2	189.65268	5.27280e-5				
		4	1.00000e-2	191.51288	5.22158e-5				
		5	1.00000e-2	195.65570	5.11102e-5				
		6	1.00000e-2	193.45432	5.16918e-5				
		7	1.00000e-2	190.57207	5.24736e-5				
2.610	2	1	1.00000e-2	172.74983	5.78872e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	167.92142	5.95517e-5				
		3	1.00000e-2	172.53679	5.79587e-5				
		4	1.00000e-2	173.98628	5.74758e-5				
		5	1.00000e-2	178.03847	5.61676e-5				
		6	1.00000e-2	175.92262	5.68432e-5				
		7	1.00000e-2	173.40228	5.76694e-5				

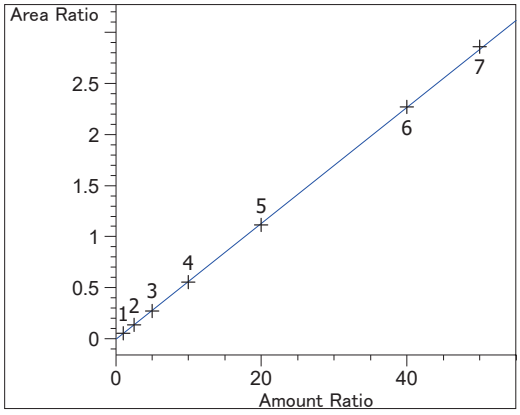
Peak Sum Table

No Entries in table

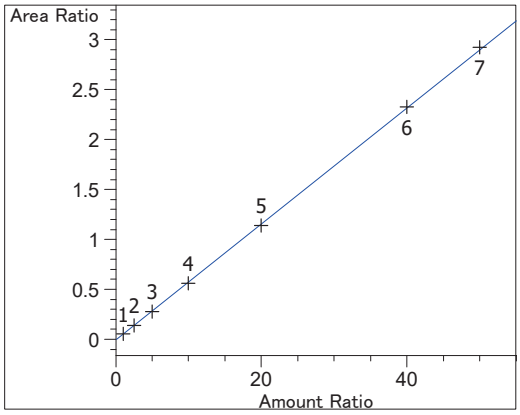
1 Warnings or Errors :

Warning : Curve requires more calibration points., (n-Propanol)

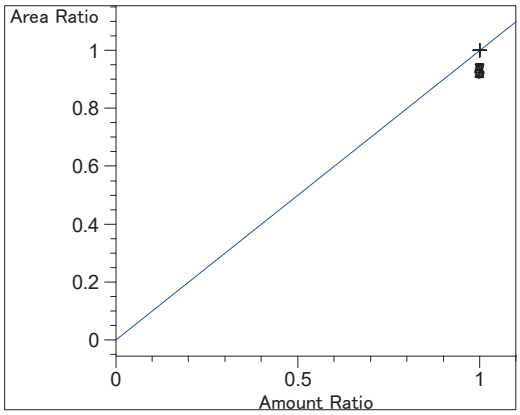
Calibration Curves



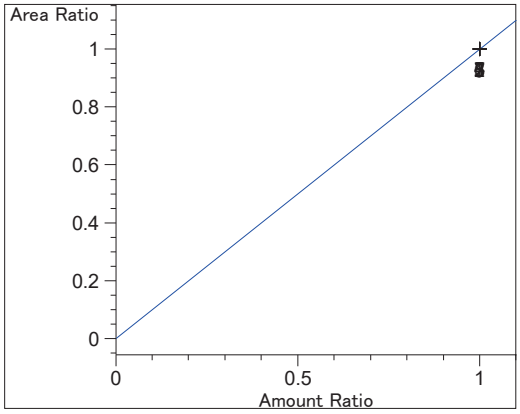
Ethanol at exp. RT: 1.192
FID1 A, Front Signal
Correlation: 0.99993
Residual Std. Dev.: 0.01400
Formula: y = mx + b
m: 5.68372e-2
b: -6.67142e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.397076
Level 3 : 0.192852
Level 4 : 0.095829
Level 5 : 0.047441
Level 6 : 0.023263
Level 7 : 0.018489



Ethanol at exp. RT: 1.445
FID2 B, Back Signal
Correlation: 0.99992
Residual Std. Dev.: 0.01489
Formula: y = mx + b
m: 5.81116e-2
b: -7.15736e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.392808
Level 3 : 0.191609
Level 4 : 0.095165
Level 5 : 0.047097
Level 6 : 0.023049
Level 7 : 0.018331



n-Propanol at exp. RT: 1.997
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

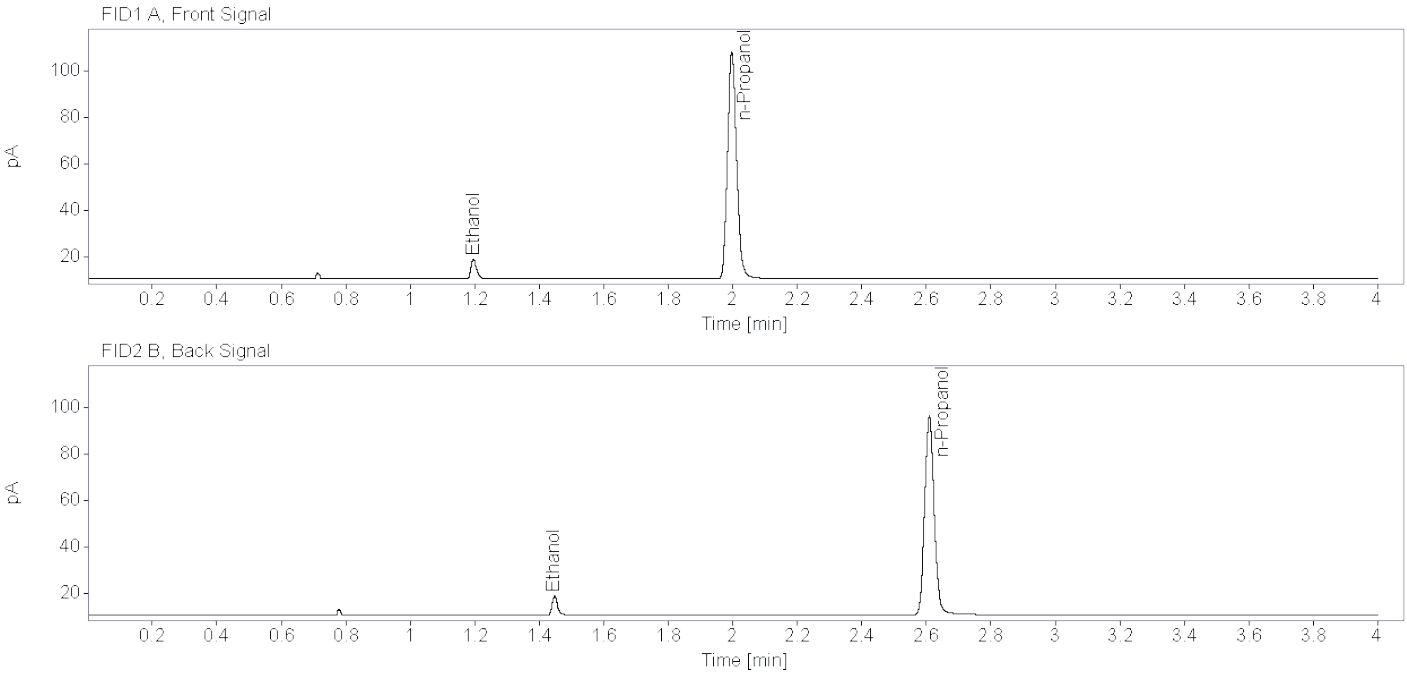


n-Propanol at exp. RT: 2.610
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

==========

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-1839) **Description:** **Sample Barcode** 24-1839 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 1:53:21 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\001F0101.D



Name FID1A

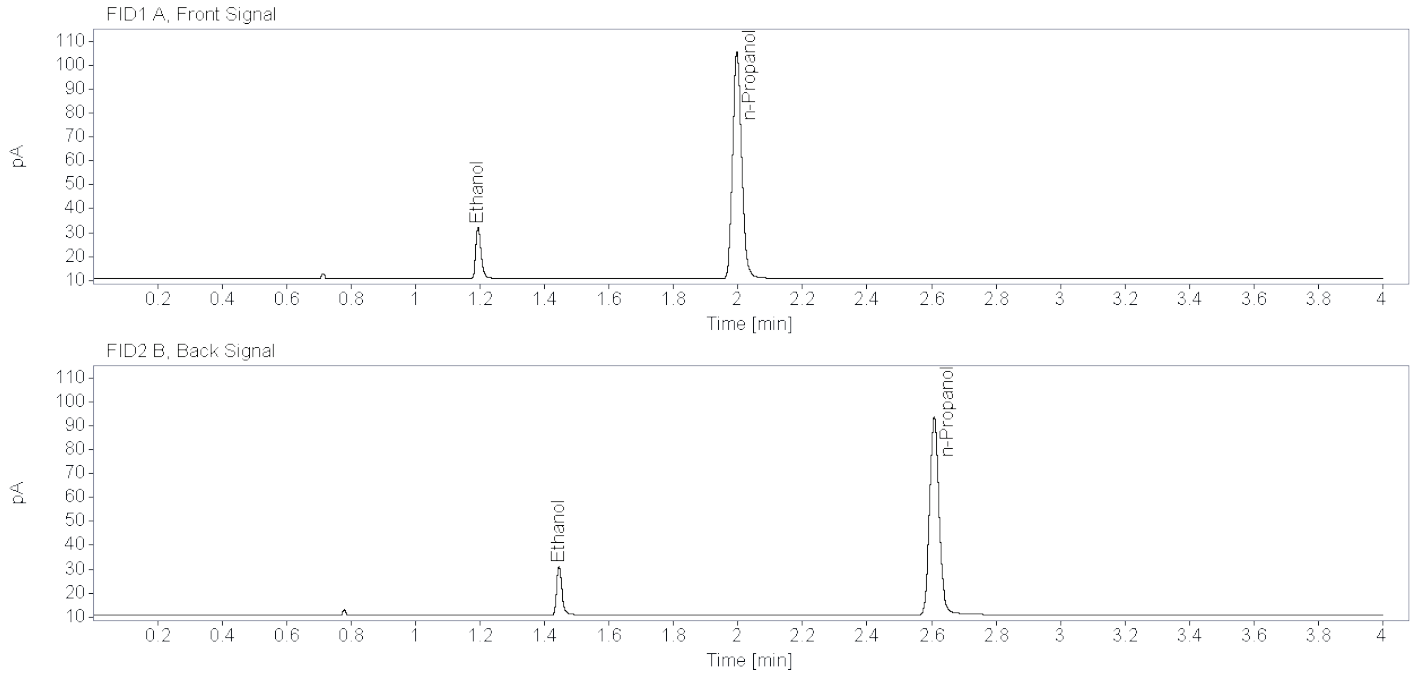
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74379	1.196	1.196	10.0058	0.0105
n-Propanol	0.83861	1.997	1.997	189.2725	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76495	1.448	1.448	9.2563	0.0105
n-Propanol	0.87875	2.609	2.609	172.7498	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-1840) **Description:** **Sample Barcode** 24-1840 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 1:58:05 PM
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Name FID1A

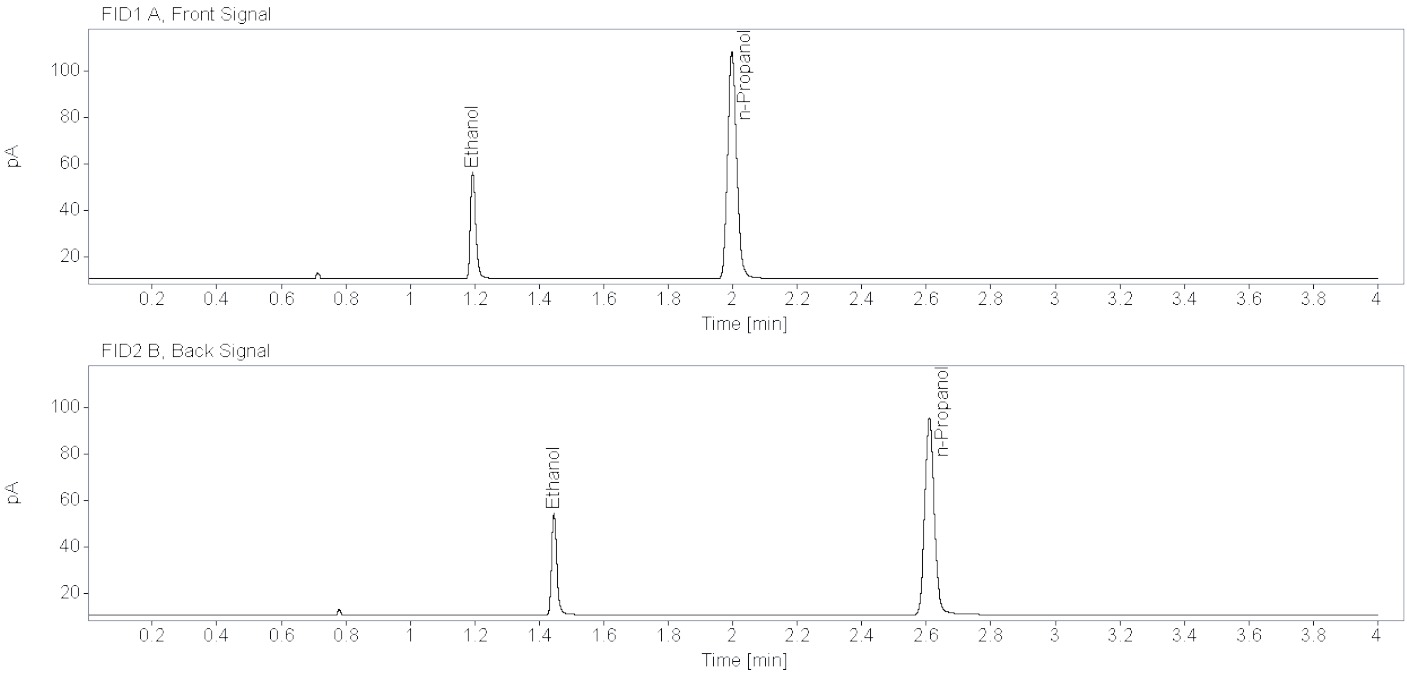
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74366	1.194	1.194	24.5561	0.0246
n-Propanol	0.83546	1.996	1.996	184.4462	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76116	1.445	1.445	22.9059	0.0247
n-Propanol	0.88509	2.608	2.608	167.9214	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-1841) **Description:** **Sample Barcode** 24-1841 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 2:03:45 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\003F0301.D



Name FID1A

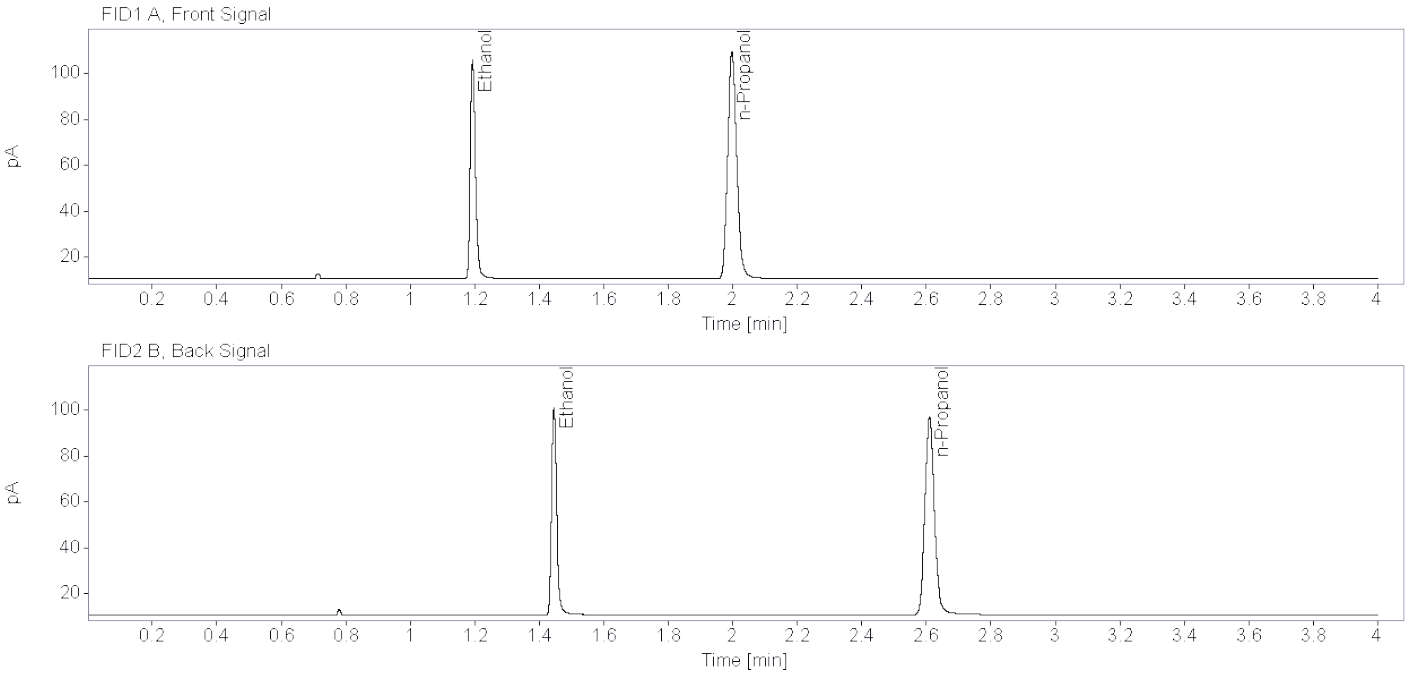
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75745	1.194	1.194	51.9874	0.0494
n-Propanol	0.83862	1.997	1.997	189.6527	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77244	1.446	1.446	48.2489	0.0494
n-Propanol	0.87619	2.610	2.610	172.5368	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-1842) **Description:** **Sample Barcode** 24-1842 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 2:08:29 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\004F0401.D



Name FID1A

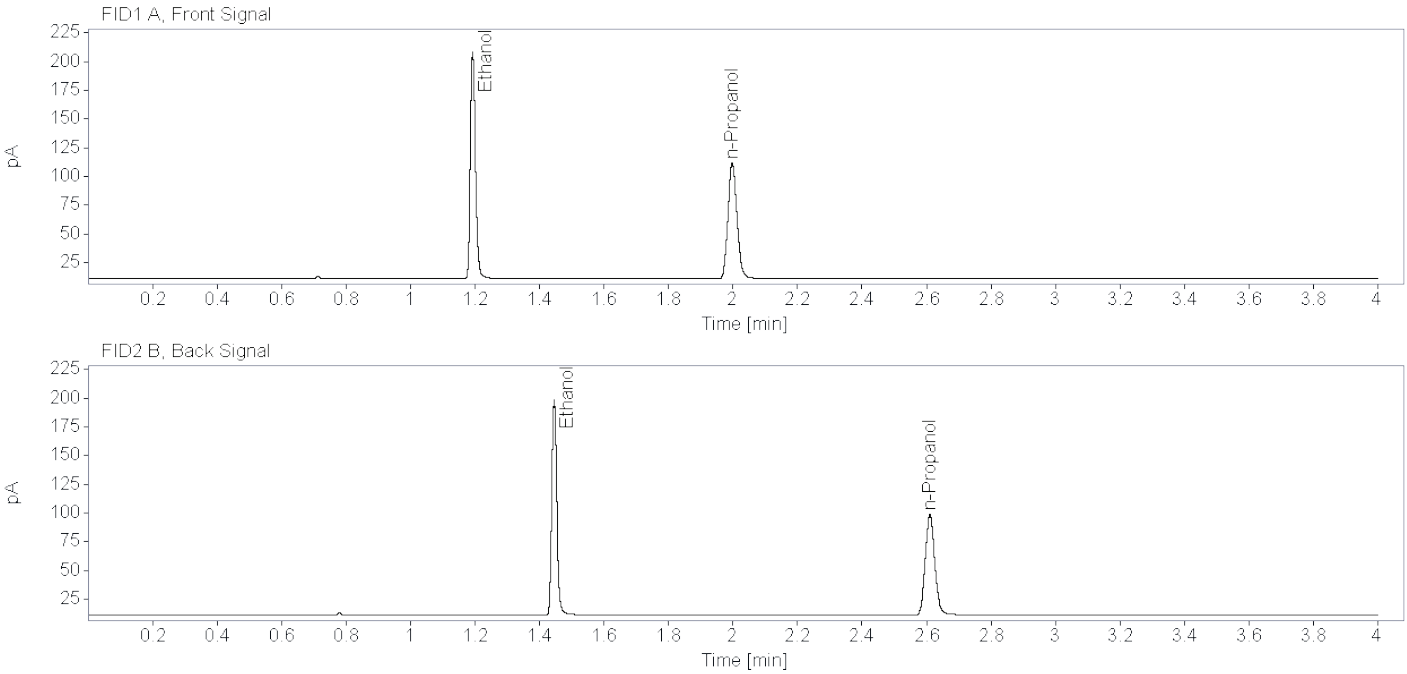
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76787	1.193	1.193	105.6489	0.0982
n-Propanol	0.84066	1.997	1.997	191.5129	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79550	1.446	1.446	97.9622	0.0981
n-Propanol	0.87798	2.610	2.610	173.9863	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-1843) **Description:** **Sample Barcode** 24-1843 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 2:14:10 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\005F0501.D



Name FID1A

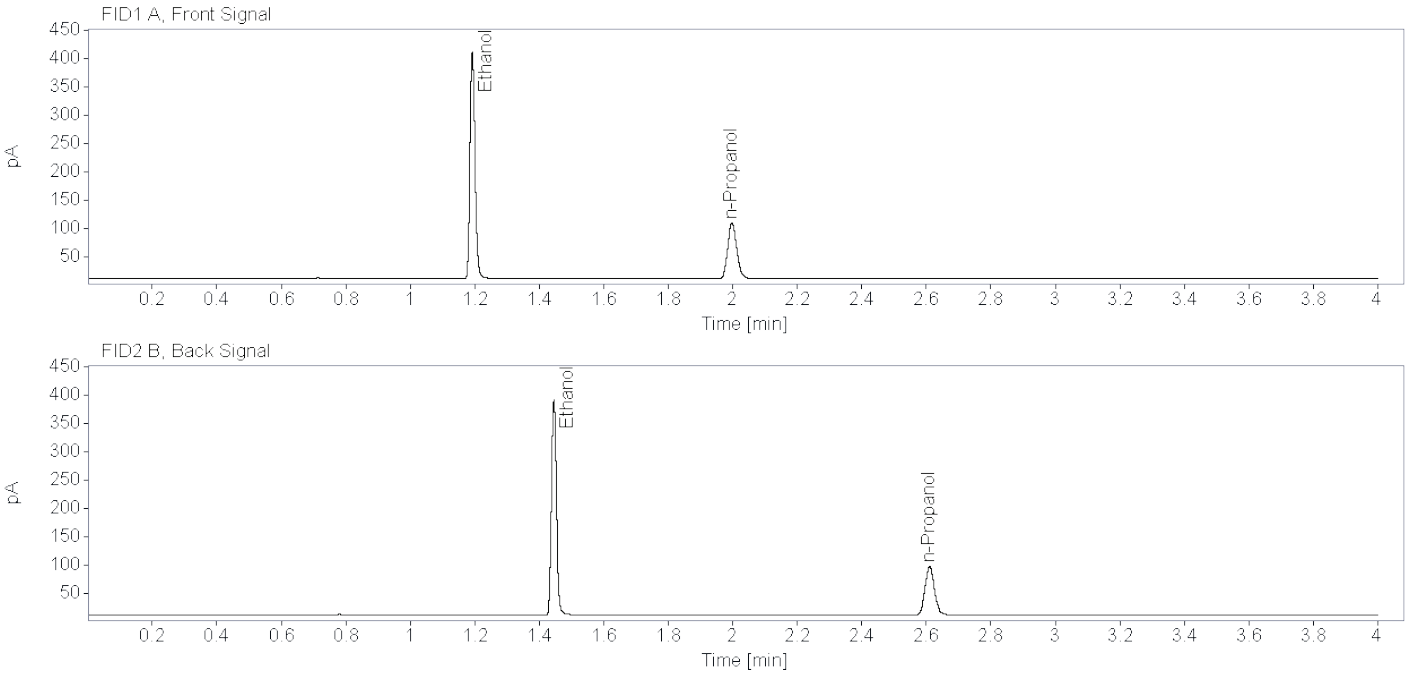
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79957	1.193	1.193	218.0232	0.1972
n-Propanol	0.84584	1.997	1.997	195.6557	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83047	1.446	1.446	202.5530	0.1970
n-Propanol	0.88724	2.610	2.610	178.0385	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-1844) **Description:** **Sample Barcode** 24-1844 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 2:18:52 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\006F0601.D



Name FID1A

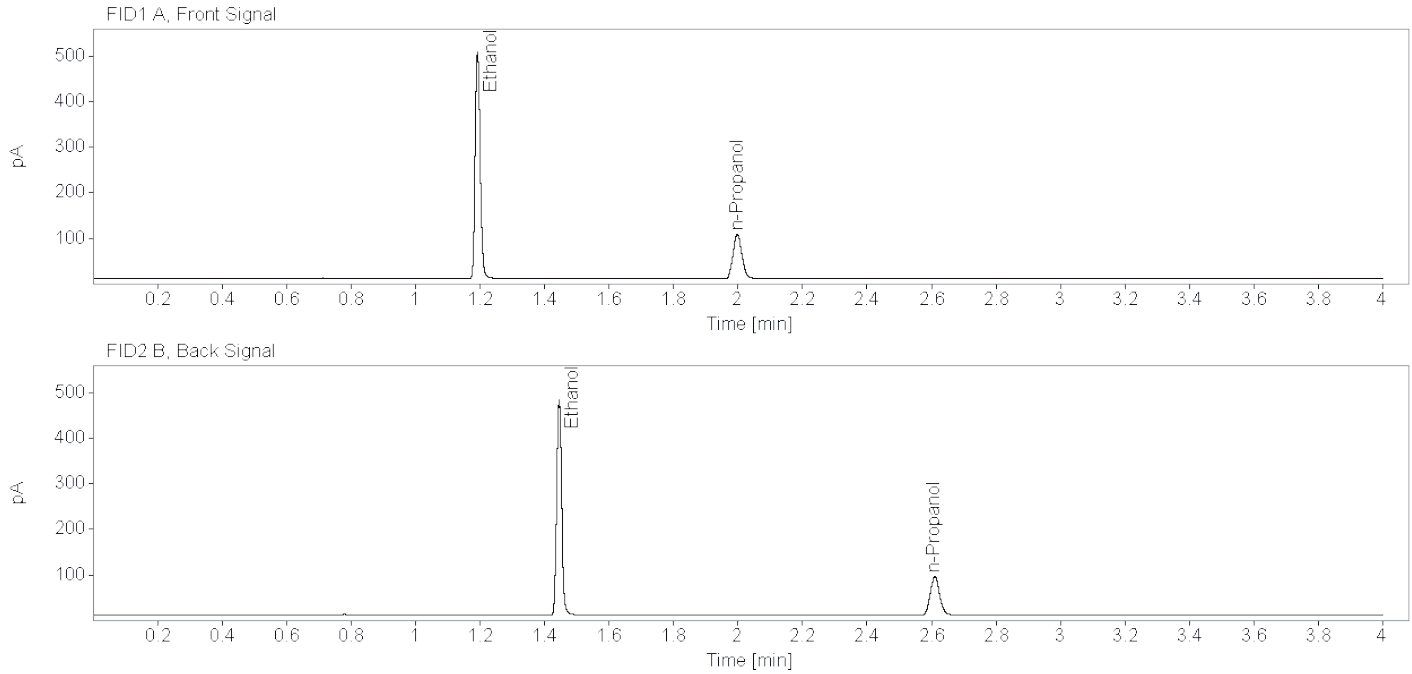
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83605	1.193	1.193	439.6136	0.4010
n-Propanol	0.84015	1.997	1.997	193.4543	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87157	1.446	1.446	408.9631	0.4013
n-Propanol	0.87827	2.610	2.610	175.9226	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-1845) **Description:** **Sample Barcode** 24-1845 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 2:24:34 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\007F0701.D



Name FID1A

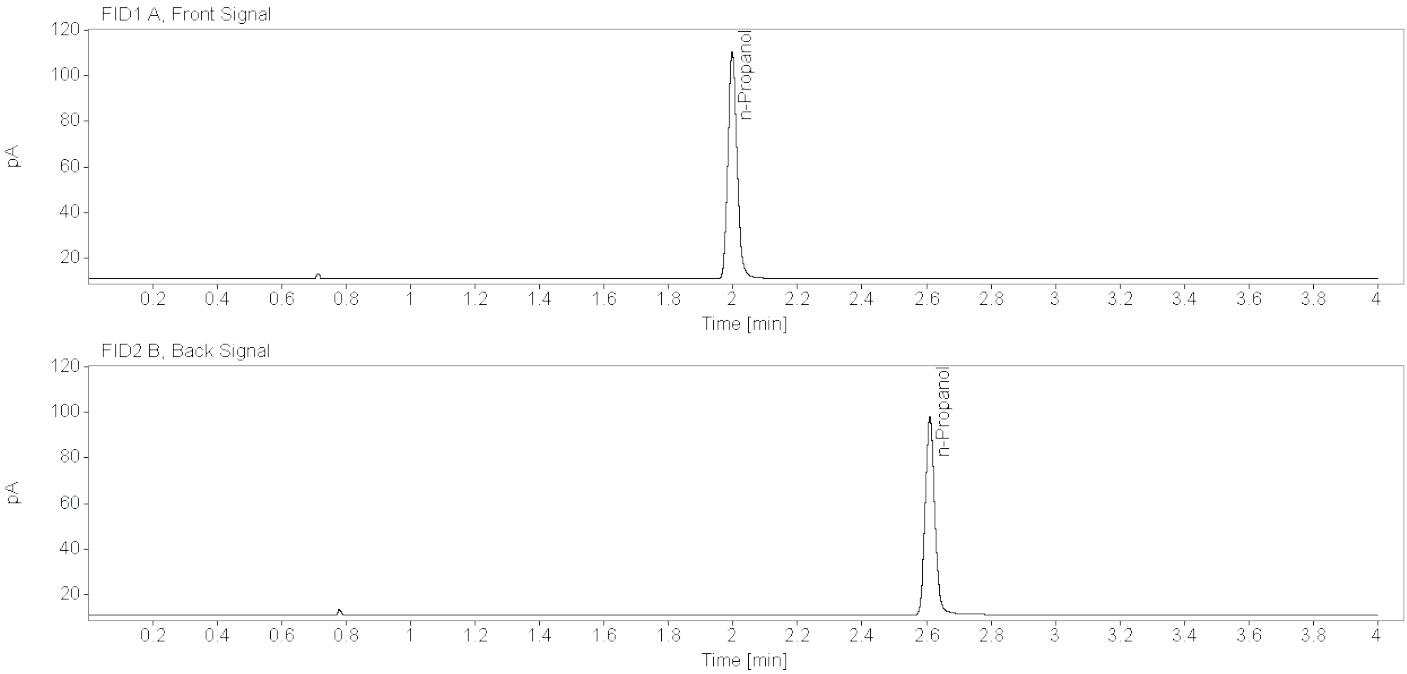
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85043	1.192	1.192	544.8809	0.5042
n-Propanol	0.84297	1.997	1.997	190.5721	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.89331	1.445	1.445	506.8731	0.5042
n-Propanol	0.88497	2.610	2.610	173.4023	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-1846) **Description:** **Sample Barcode** 24-1846 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 2:29:17 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\008F0801.D



Name FID1A

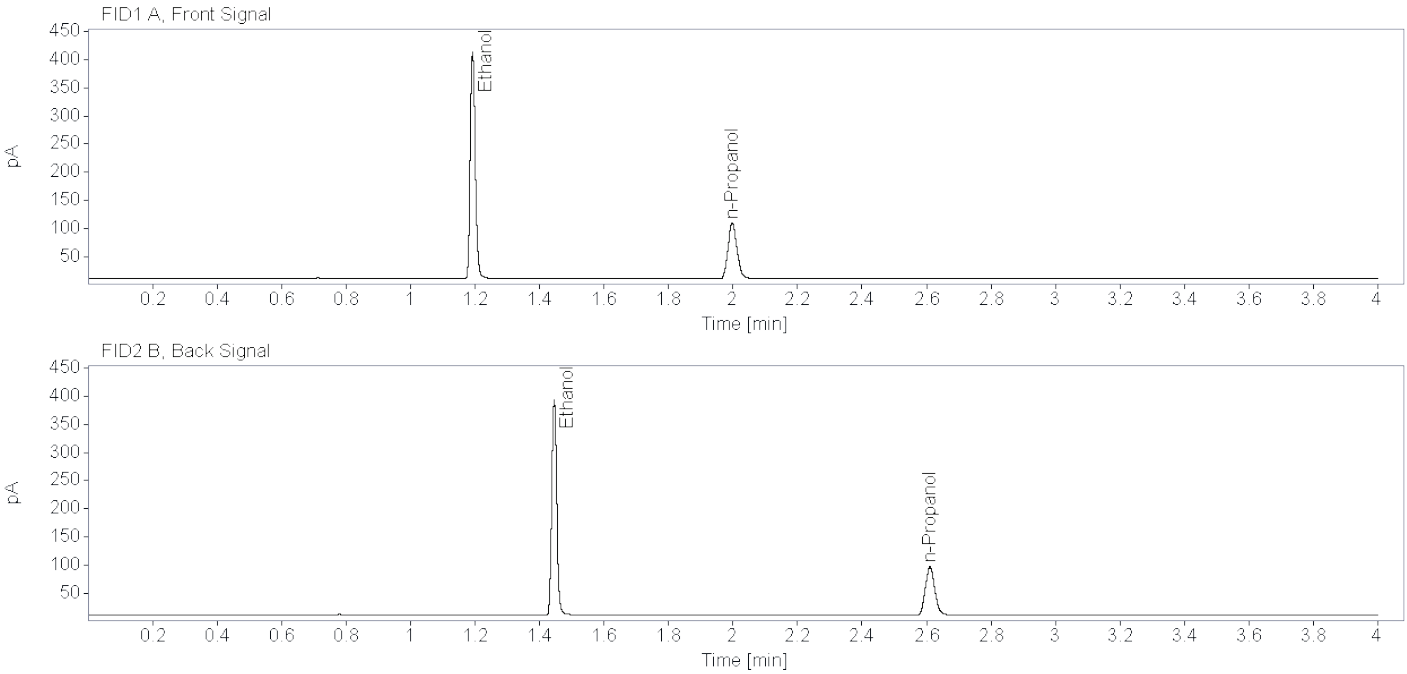
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84104	1.997	1.997	193.8107	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88596	2.610	2.610	176.3318	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1847) **Description:** **Sample Barcode** 24-1847 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 2:35:40 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\009F0901.D



Name FID1A

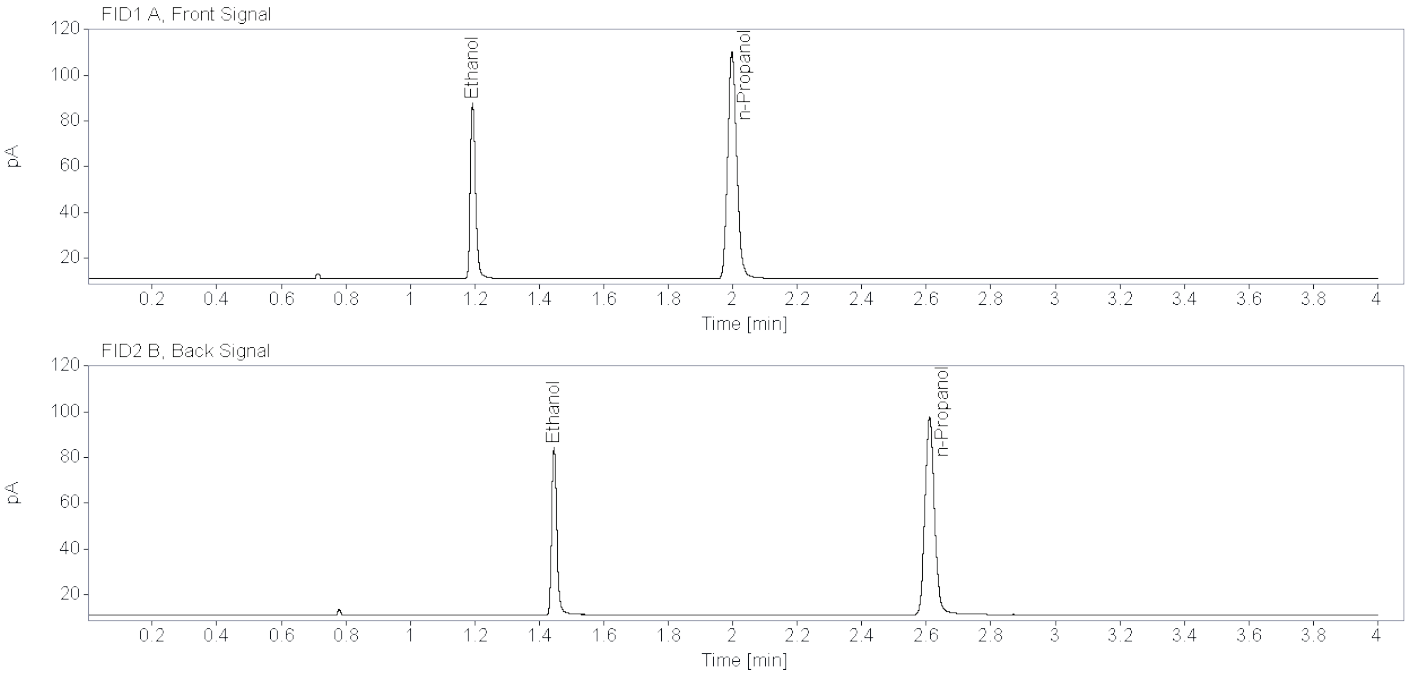
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82571	1.193	1.192	440.9392	0.4039
n-Propanol	0.84063	1.998	1.997	192.6185	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87688	1.446	1.445	410.2037	0.4041
n-Propanol	0.88367	2.610	2.610	175.2163	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-1848) **Description:** **Sample Barcode** 24-1848 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 2:40:33 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\010F1001.D



Name FID1A

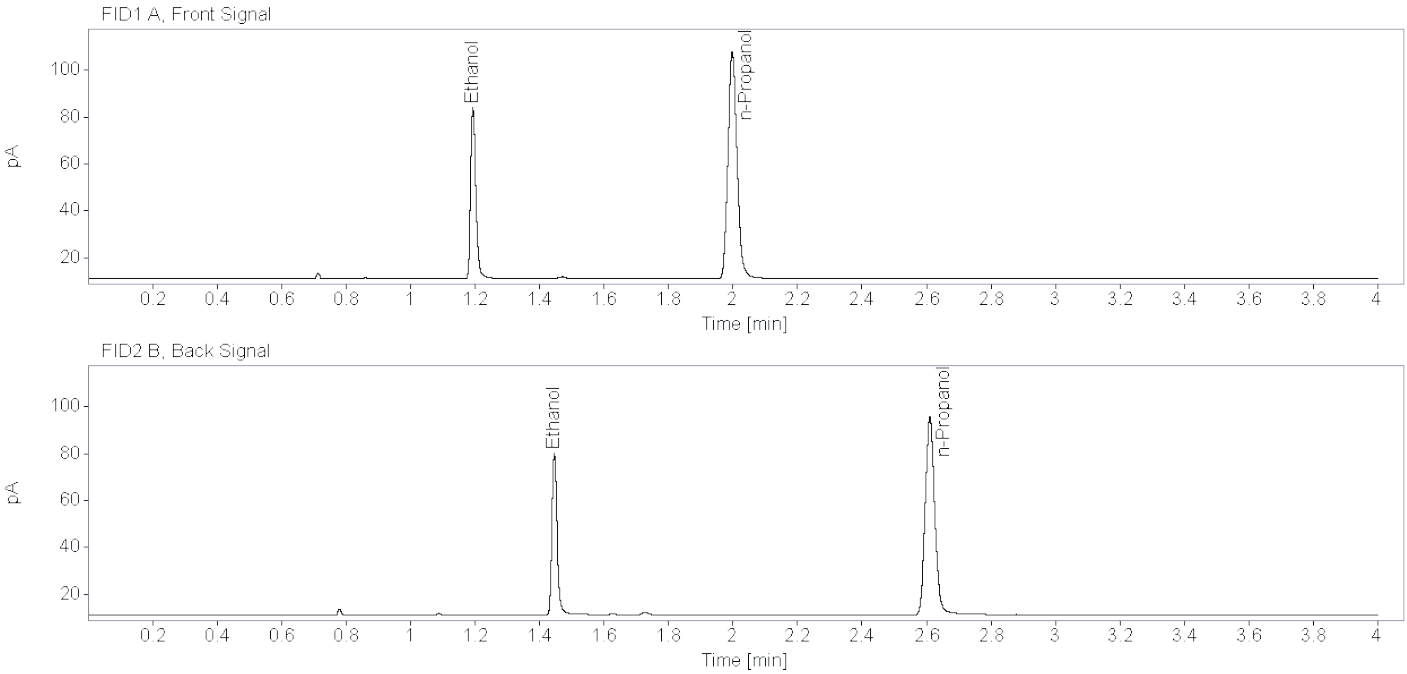
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76105	1.194	1.192	86.3159	0.0799
n-Propanol	0.83585	1.997	1.997	192.9083	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78549	1.446	1.445	80.1438	0.0799
n-Propanol	0.87656	2.610	2.610	175.3808	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1849) **Description:** **Sample Barcode** 24-1849 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 2:46:04 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\011F1101.D



Name FID1A

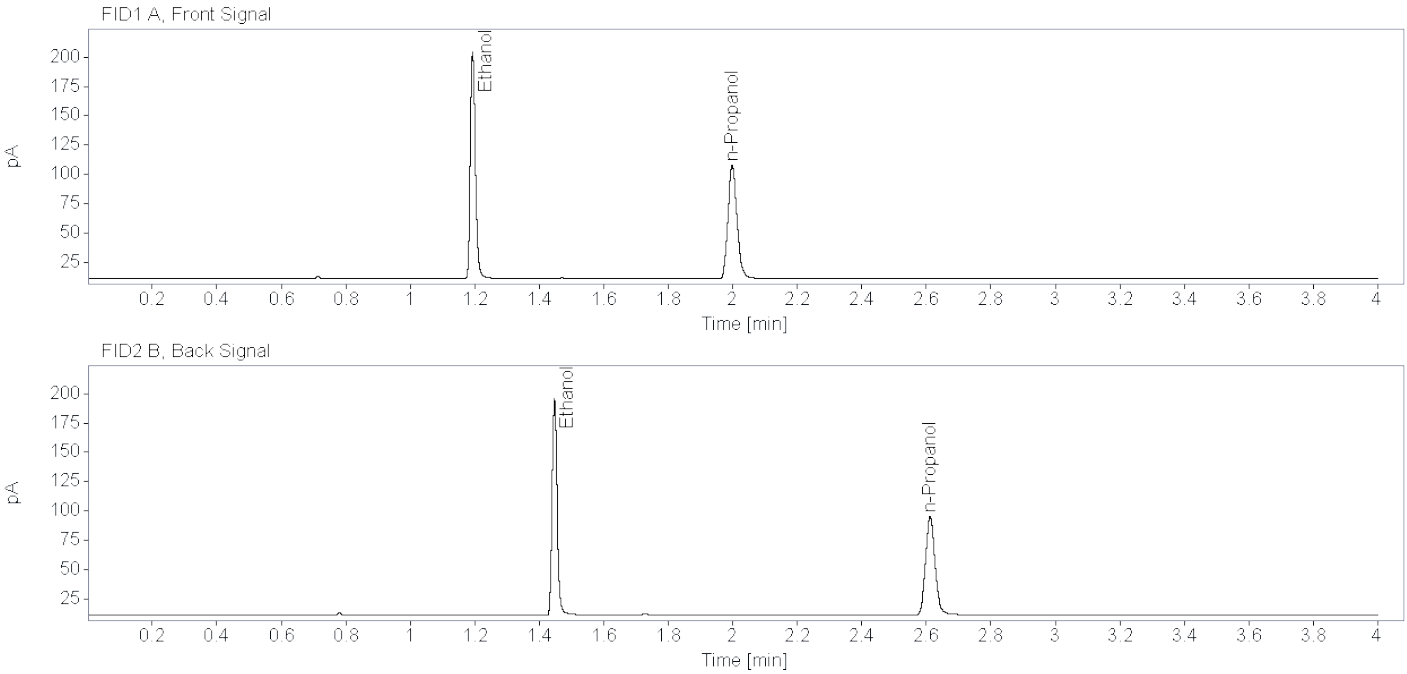
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75905	1.194	1.192	82.0808	0.0777
n-Propanol	0.84425	1.998	1.997	188.6929	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77681	1.446	1.445	75.8619	0.0775
n-Propanol	0.88116	2.610	2.610	171.2474	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1860) **Description:** **Sample Barcode** 24-1860 **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:42:57 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\022F2201.D



Name FID1A

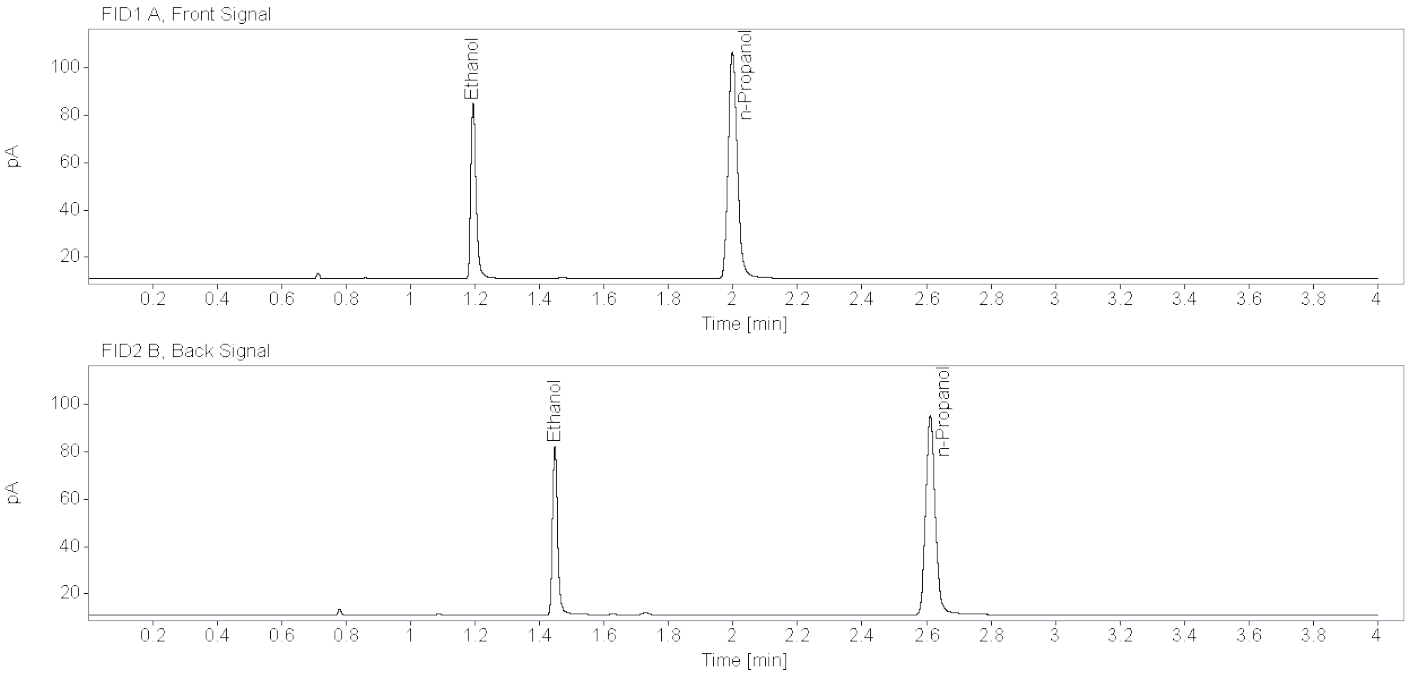
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79079	1.194	1.192	212.9917	0.2009
n-Propanol	0.82904	1.998	1.997	187.6240	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82976	1.447	1.445	198.0279	0.2013
n-Propanol	0.88384	2.612	2.610	170.3244	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1871) **Description:** **Sample Barcode** 24-1871 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 4:40:28 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\033F3301.D



Name FID1A

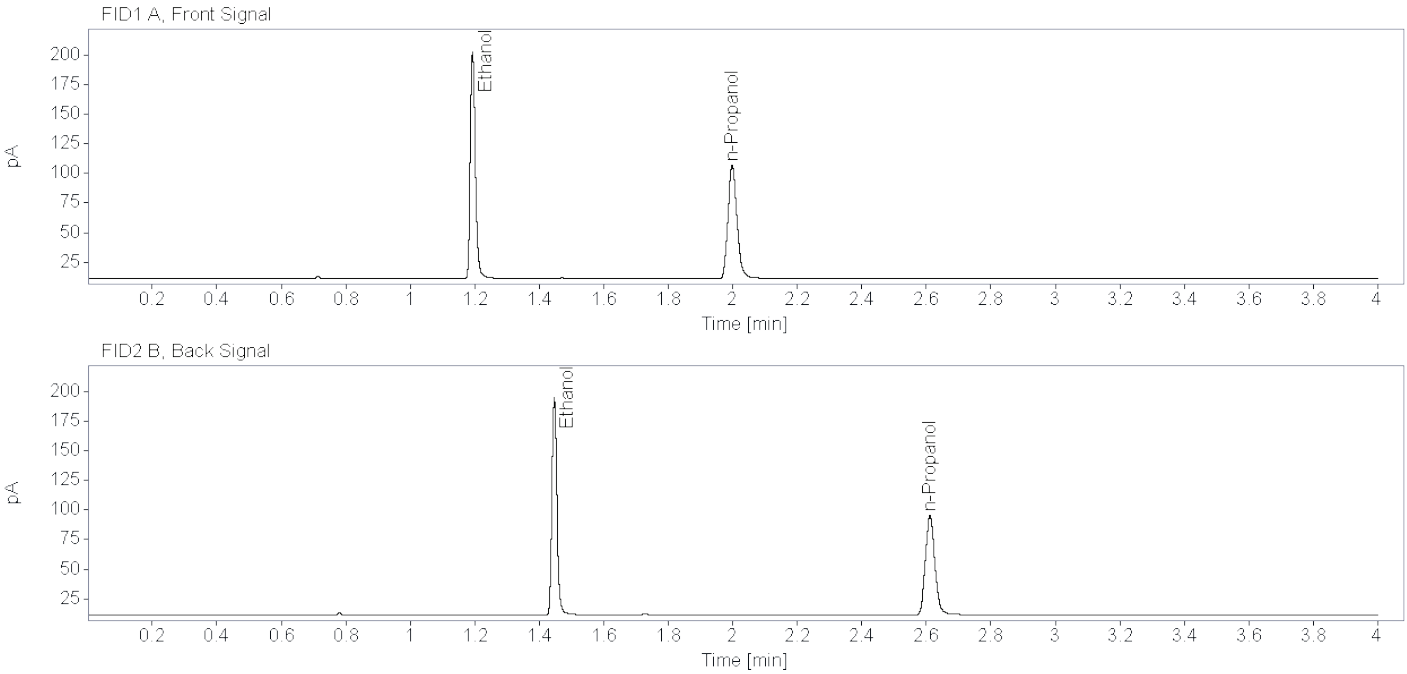
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74059	1.194	1.192	83.4325	0.0802
n-Propanol	0.81803	1.998	1.997	185.7285	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77976	1.448	1.445	77.8934	0.0800
n-Propanol	0.86587	2.612	2.610	170.2729	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1881) **Description:** **Sample Barcode** 24-1881 **Vial Number:** 43
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:32:28 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\043F4301.D



Name FID1A

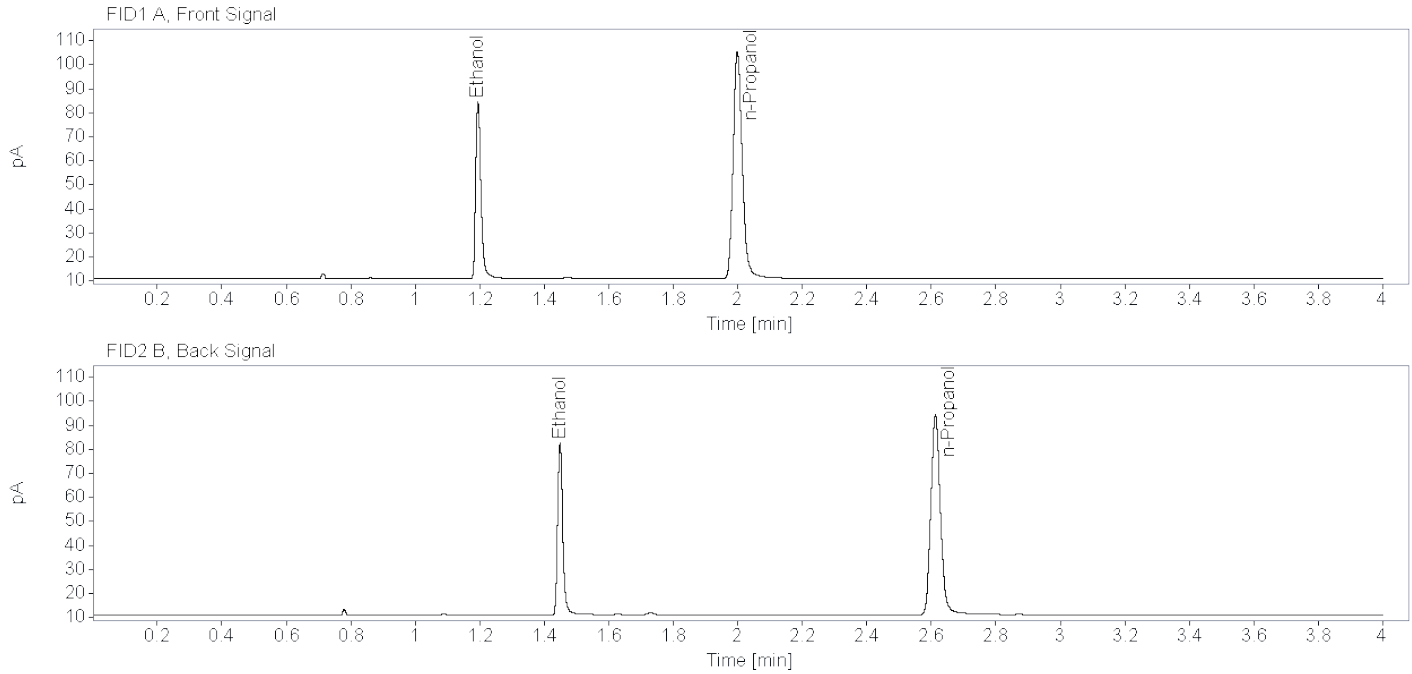
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77292	1.193	1.192	209.2821	0.2012
n-Propanol	0.82161	1.998	1.997	185.1607	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81349	1.447	1.445	198.0645	0.2010
n-Propanol	0.87472	2.611	2.610	170.5783	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1892) **Description:** **Sample Barcode** 24-1892 **Vial Number:** 54
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 6:30:05 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\054F5401.D



Name FID1A

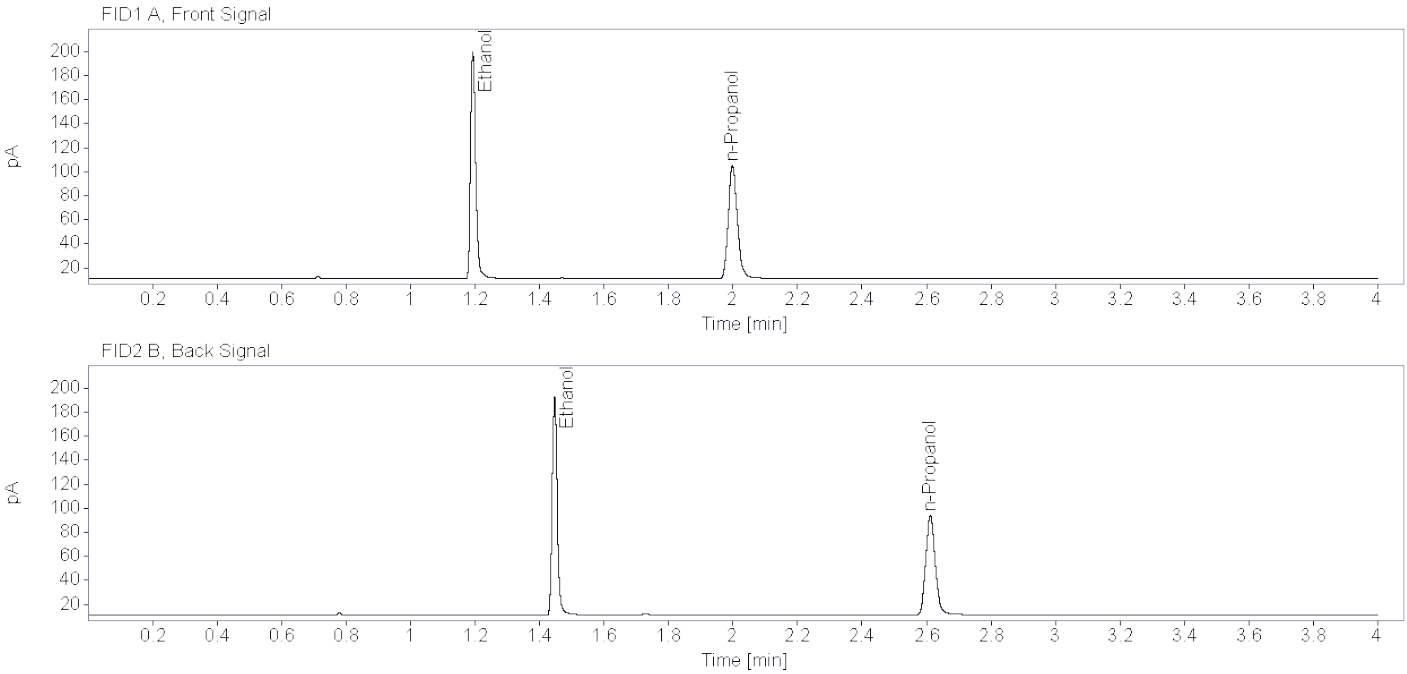
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73393	1.195	1.192	82.9147	0.0811
n-Propanol	0.81339	1.999	1.997	182.4971	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78167	1.449	1.445	78.0520	0.0810
n-Propanol	0.85448	2.613	2.610	168.4184	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1903) **Description:** **Sample Barcode** 24-1903 **Vial Number:** 65
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:26:53 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\065F6501.D



Name FID1A

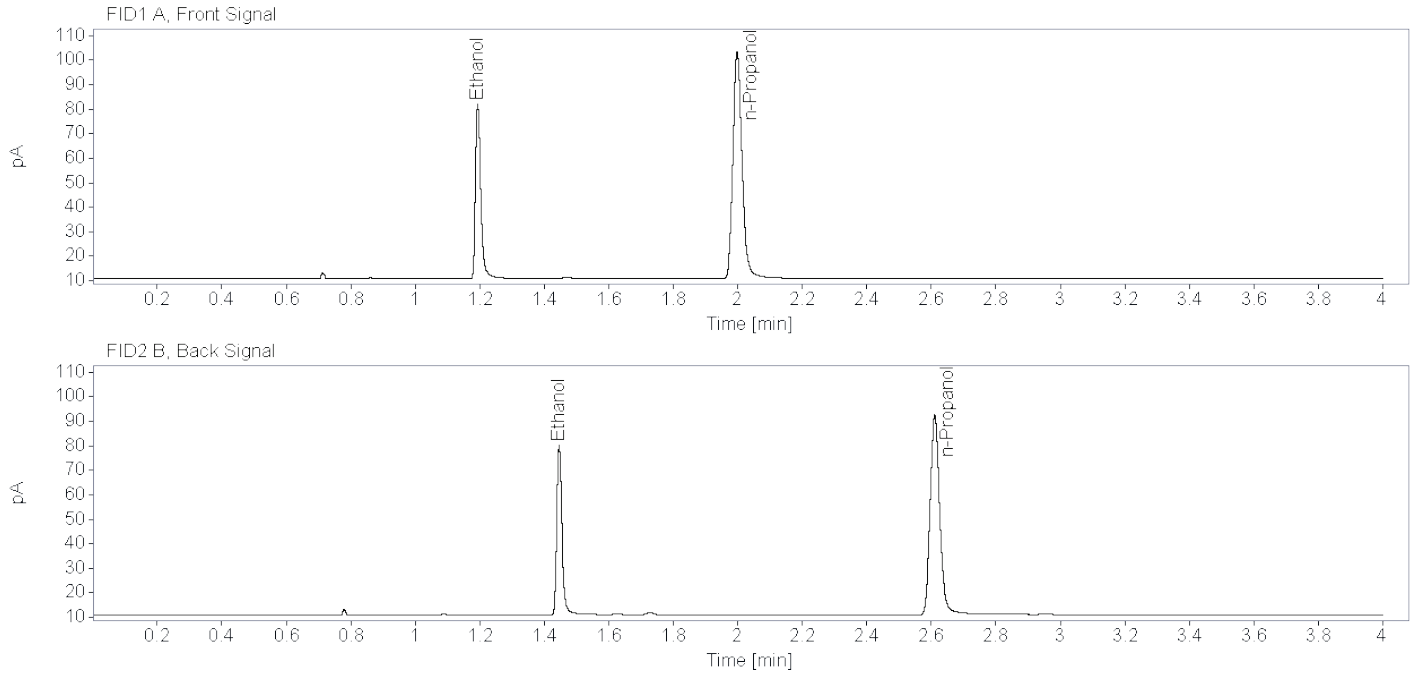
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78220	1.193	1.192	205.3929	0.2007
n-Propanol	0.81207	1.998	1.997	182.1725	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82705	1.447	1.445	192.7193	0.1999
n-Propanol	0.85295	2.612	2.610	167.9724	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1915) **Description:** **Sample Barcode** 24-1915 **Vial Number:** 77
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 8:30:08 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\077F7701.D



Name FID1A

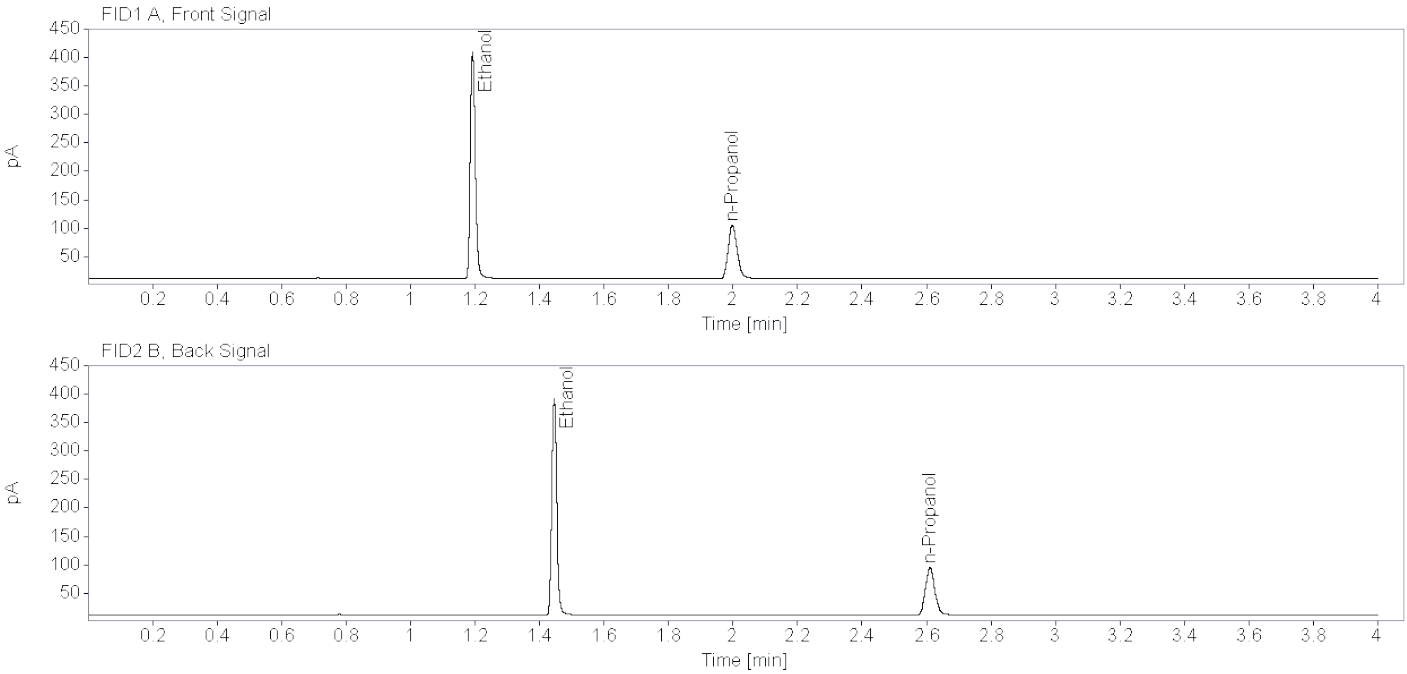
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72971	1.194	1.192	80.6589	0.0802
n-Propanol	0.81549	1.998	1.997	179.5689	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77284	1.446	1.445	76.1995	0.0806
n-Propanol	0.85845	2.611	2.610	165.1378	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1916) **Description:** **Sample Barcode** 24-1916 **Vial Number:** 78
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 8:35:35 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\078F7801.D



Name FID1A

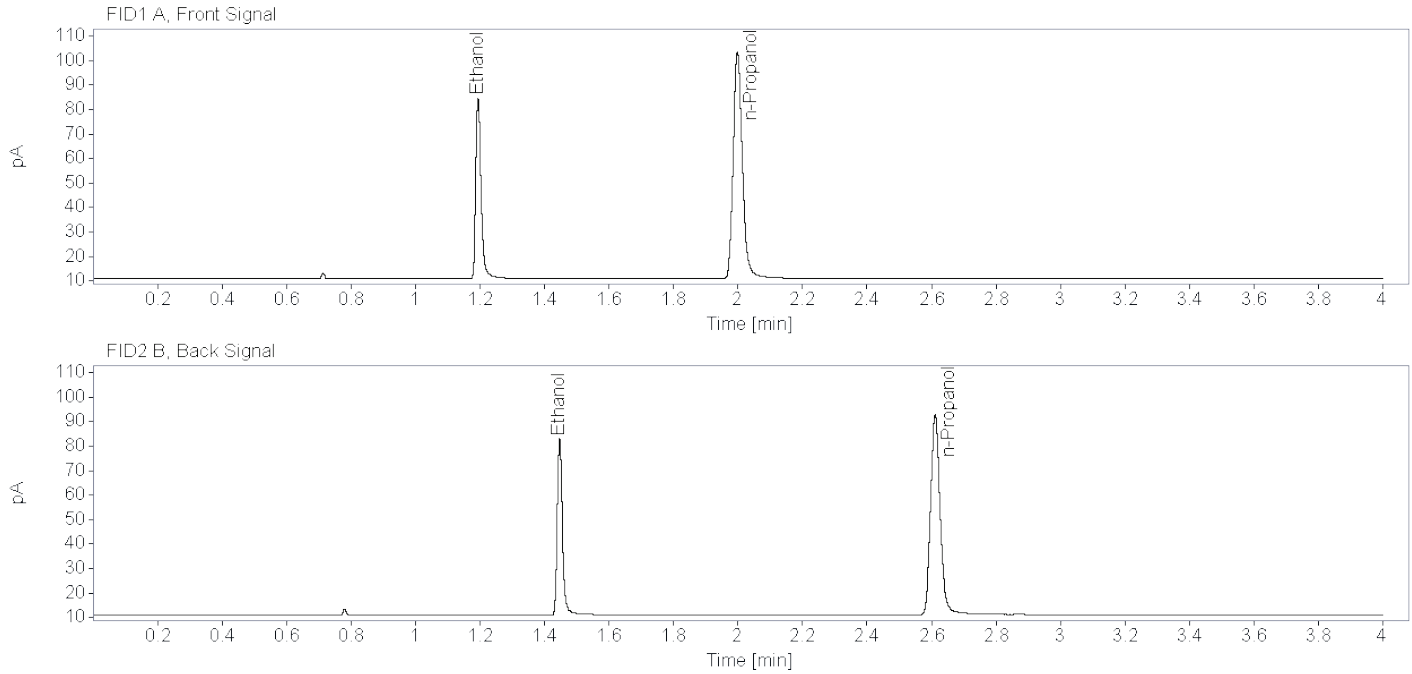
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80491	1.193	1.192	436.8032	0.4191
n-Propanol	0.80853	1.998	1.997	183.8760	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86785	1.446	1.445	408.6835	0.4162
n-Propanol	0.86306	2.611	2.610	169.4682	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-1917) **Description:** **Sample Barcode** 24-1917 **Vial Number:** 79
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 8:40:32 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\079F7901.D



Name FID1A

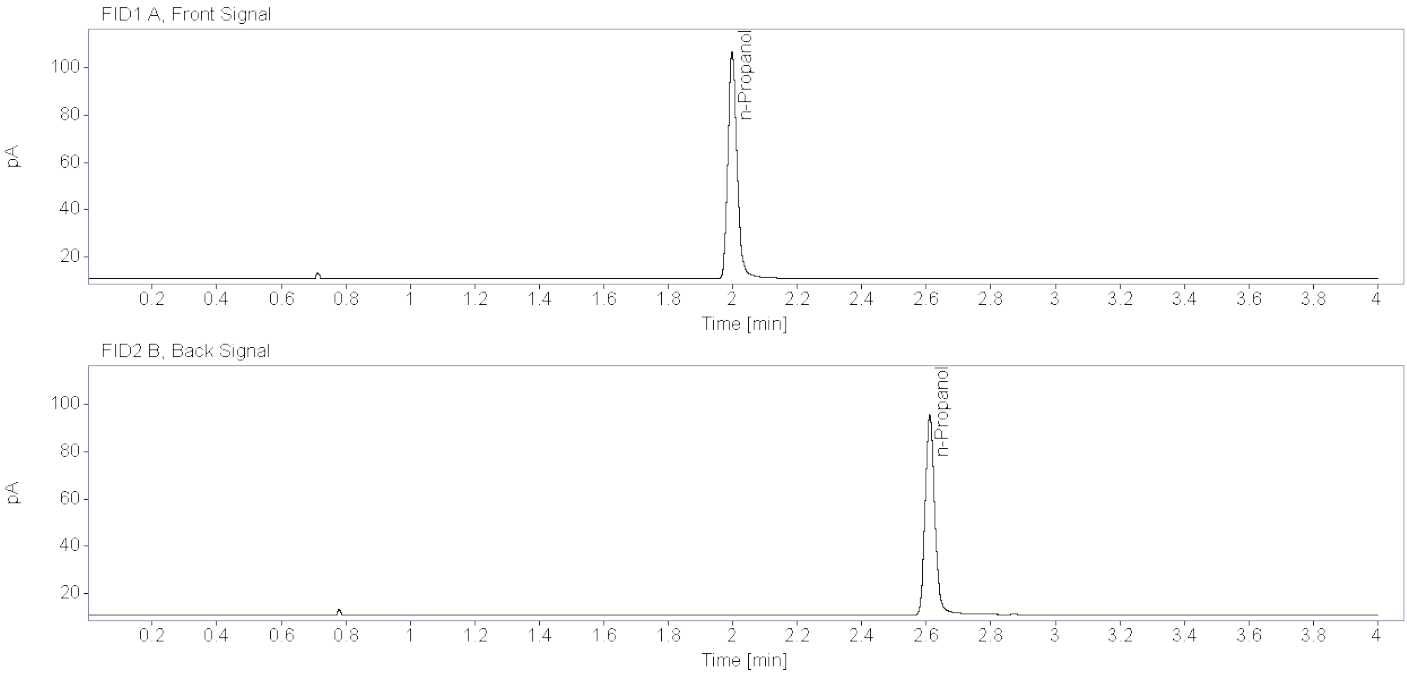
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73070	1.194	1.192	83.1600	0.0825
n-Propanol	0.80743	1.998	1.997	179.8683	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78431	1.447	1.445	78.6832	0.0828
n-Propanol	0.86296	2.611	2.610	165.9619	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-1918) **Description:** **Sample Barcode** 24-1918 **Vial Number:** 80
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 8:45:59 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\080F8001.D



Name FID1A

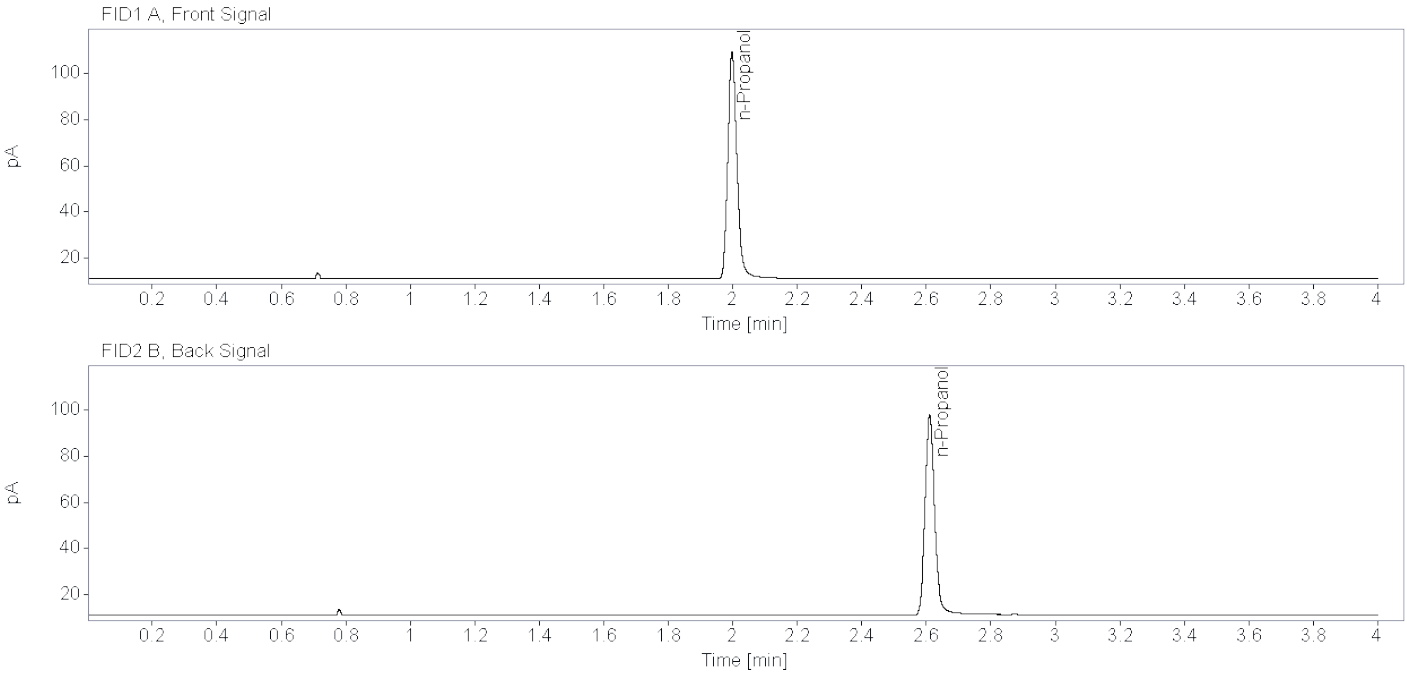
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81238	1.998	1.997	185.8768	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85829	2.611	2.610	171.5643	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: IS Ck A (24-1913) **Description:** **Sample Barcode** 24-1913 **Vial Number:** 75
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 8:19:44 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\075F7501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81228	1.998	1.997	190.9432	0.0100

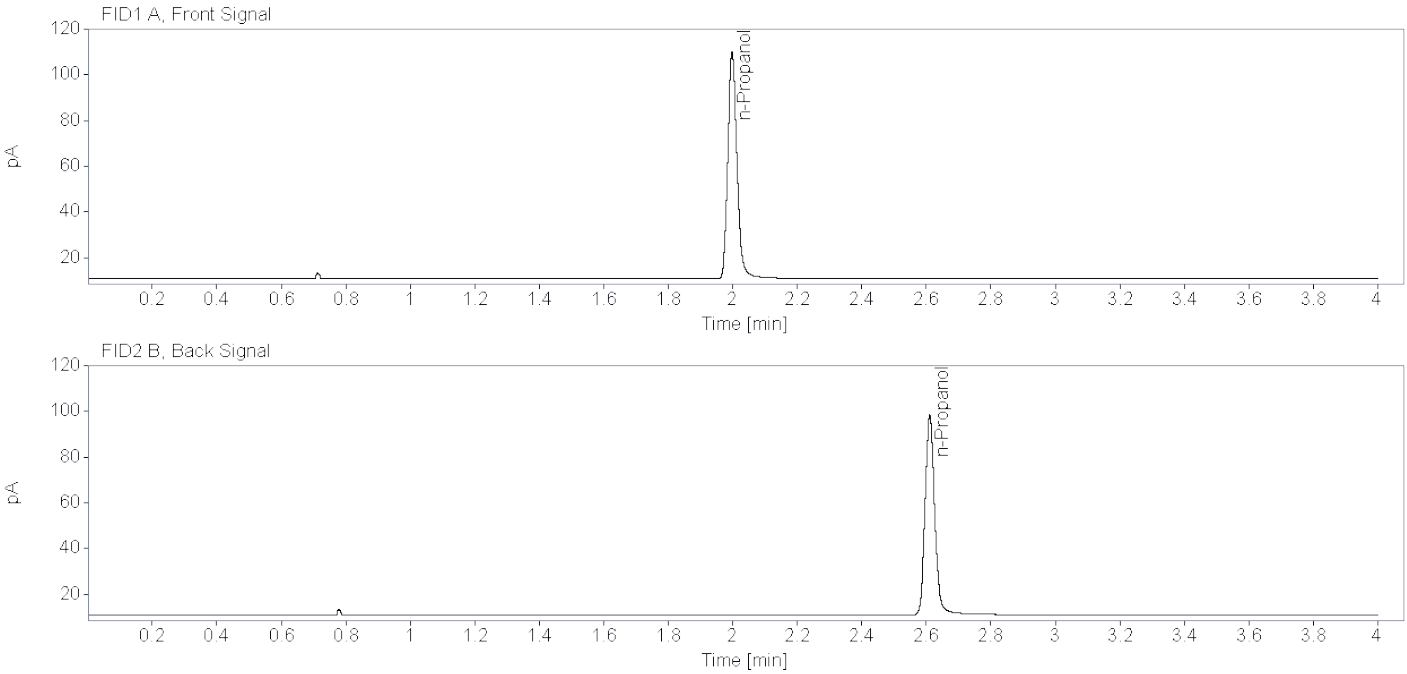
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85646	2.610	2.610	175.8882	0.0100

Internal standard area is within ± 20% of the area of the current internal standard. Accpetable for use in casework. -- 9/10/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: IS Ck B (24-1914) **Description:** **Sample Barcode** 24-1914 **Vial Number:** 76
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 8:25:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\076F7601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81326	1.998	1.997	192.2571	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86075	2.611	2.610	177.3708	0.0100

Internal standard area is within ± 20% of the area of the current internal standard. Accpetable for use in casework. -- 9/10/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1181 001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0552	Aliquot 1:	0.0552
	Aliquot 2:	0.0571	Aliquot 2:	0.0576

Reported Result: **0.056** **g/100 mL**

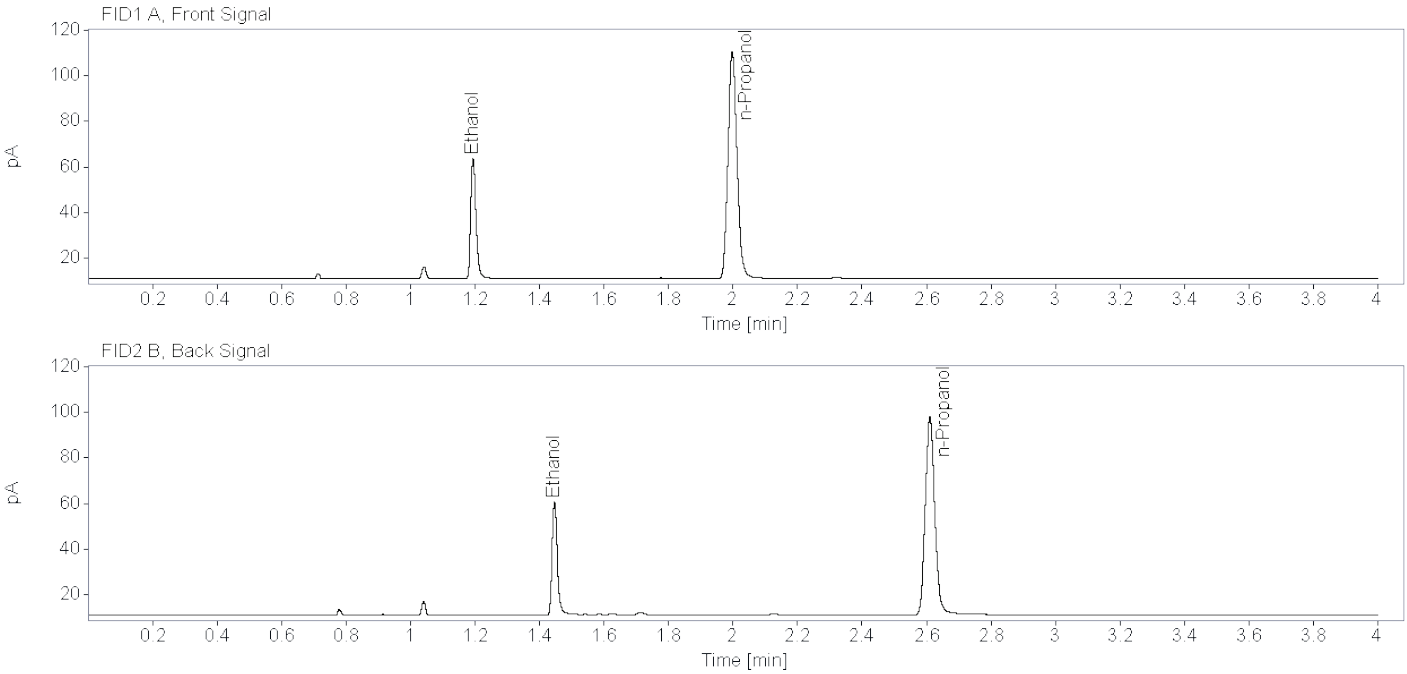
Reported UM: **0.008** **g/100 mL**

Comments: Previously analyzed in BAC_20240814_MH -- 9/10/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1181 001 (24-1850) **Description:** Alq 1 **Sample Barcode** 24-1850 **Vial Number:** 12
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 2:50:57 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\012F1201.D



Name FID1A

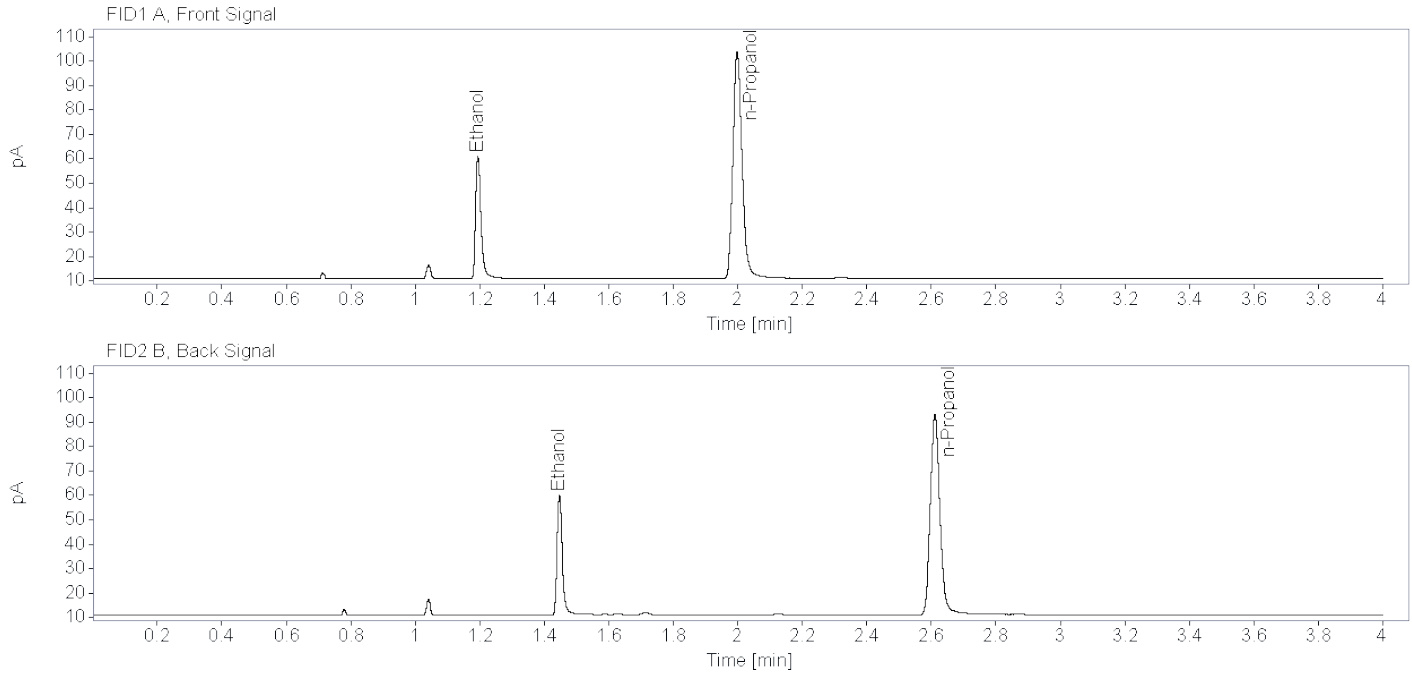
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76034	1.194	1.192	59.4985	0.0552
n-Propanol	0.84933	1.998	1.997	193.7555	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77123	1.447	1.445	55.0883	0.0552
n-Propanol	0.88130	2.610	2.610	175.7108	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1181 001 (24-1912) **Description:** Alq 2 **Sample Barcode** 24-1912 **Vial Number:** 74
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 8:14:47 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\074F7401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73297	1.195	1.192	57.3942	0.0571
n-Propanol	0.81618	1.998	1.997	180.5905	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75611	1.447	1.445	54.4543	0.0576
n-Propanol	0.86328	2.611	2.610	166.3461	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1210 001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2374	Aliquot 1:	0.2379
	Aliquot 2:	0.2430	Aliquot 2:	0.2416

Reported Result: **0.239** **g/100 mL**

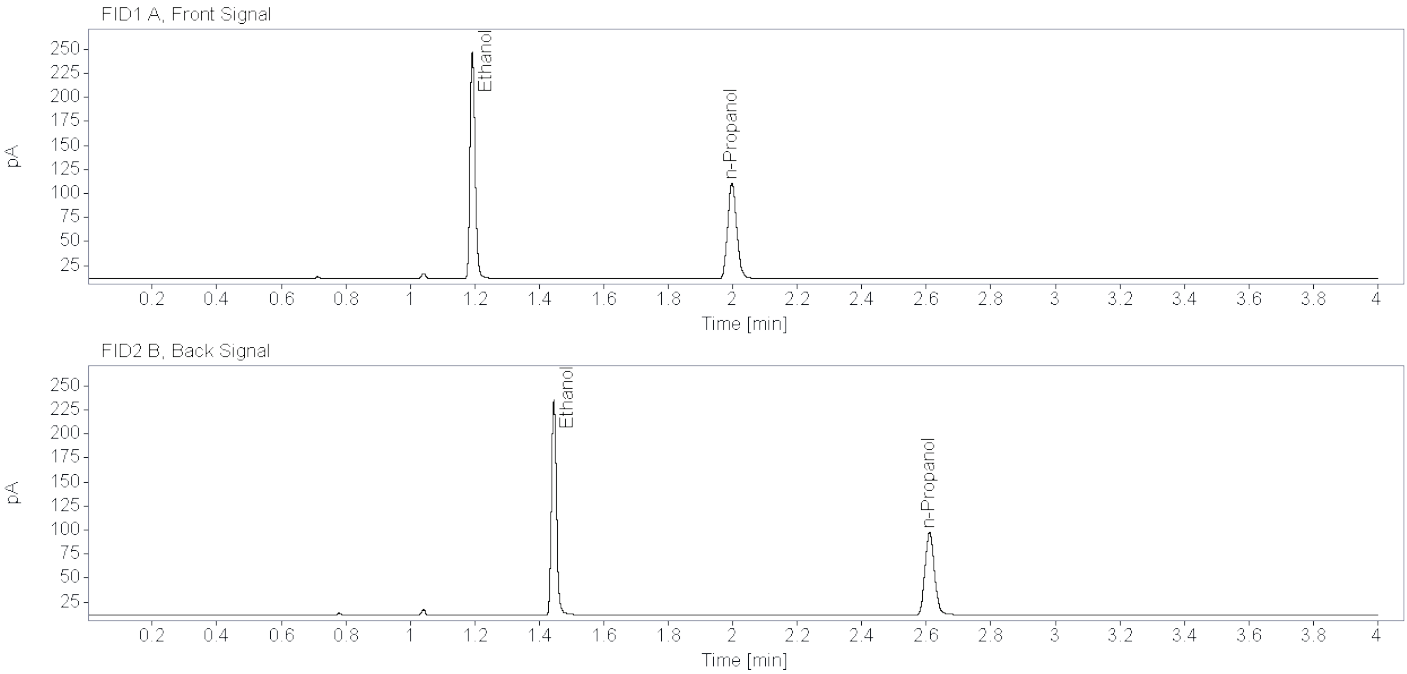
Reported UM: **0.034** **g/100 mL**

Comments: Previously analyzed in BAC_20240814_MH -- 9/10/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1210 001 (24-1851) **Description:** Alq 1 **Sample Barcode** 24-1851 **Vial Number:** 13
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 2:56:28 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\013F1301.D



Name FID1A

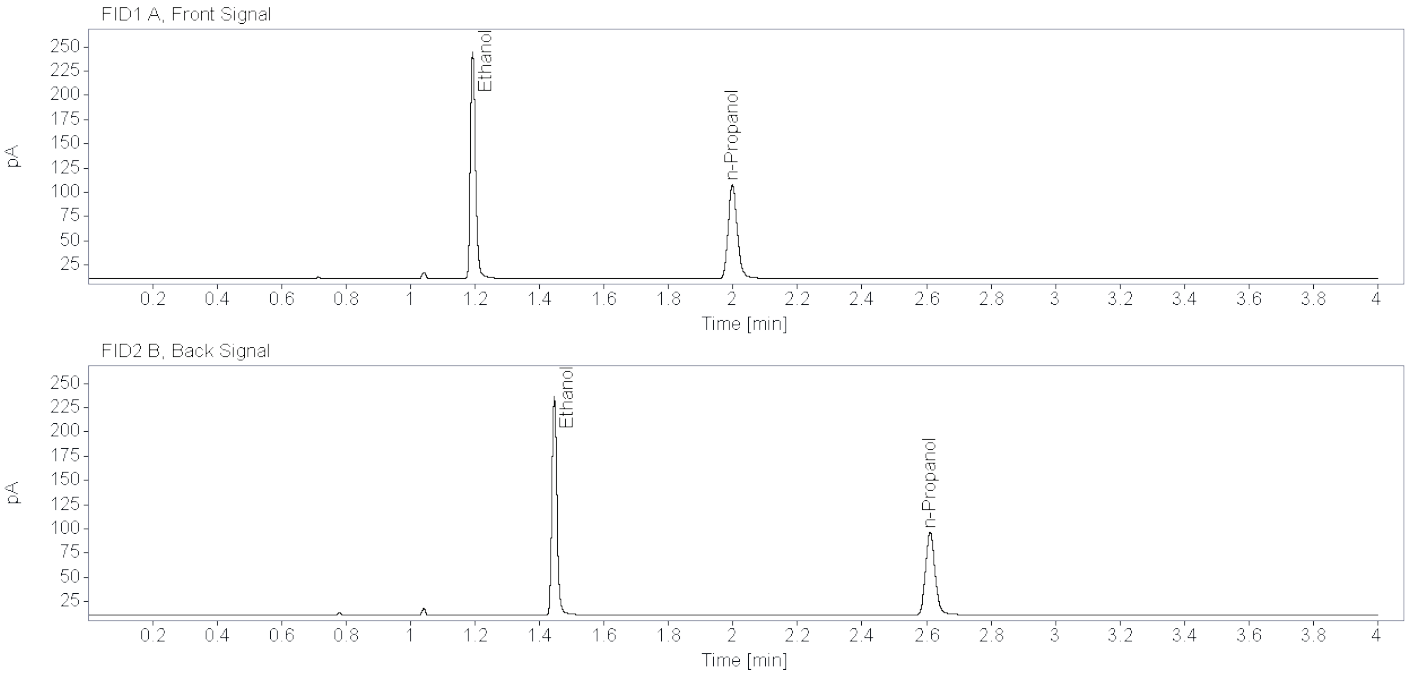
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81470	1.193	1.192	260.8520	0.2374
n-Propanol	0.84439	1.997	1.997	194.2789	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83208	1.445	1.445	241.9321	0.2379
n-Propanol	0.87122	2.610	2.610	175.8846	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1210 001 (24-1911) **Description:** Alq 2 **Sample Barcode** 24-1911 **Vial Number:** 73
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 8:09:20 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\073F7301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78079	1.193	1.192	258.5880	0.2430
n-Propanol	0.81098	1.998	1.997	188.1162	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81859	1.446	1.445	242.3531	0.2416
n-Propanol	0.86701	2.611	2.610	173.4815	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1222 001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1412	Aliquot 1:	0.1418
	Aliquot 2:	0.1395	Aliquot 2:	0.1398

Reported Result: **0.140** **g/100 mL**

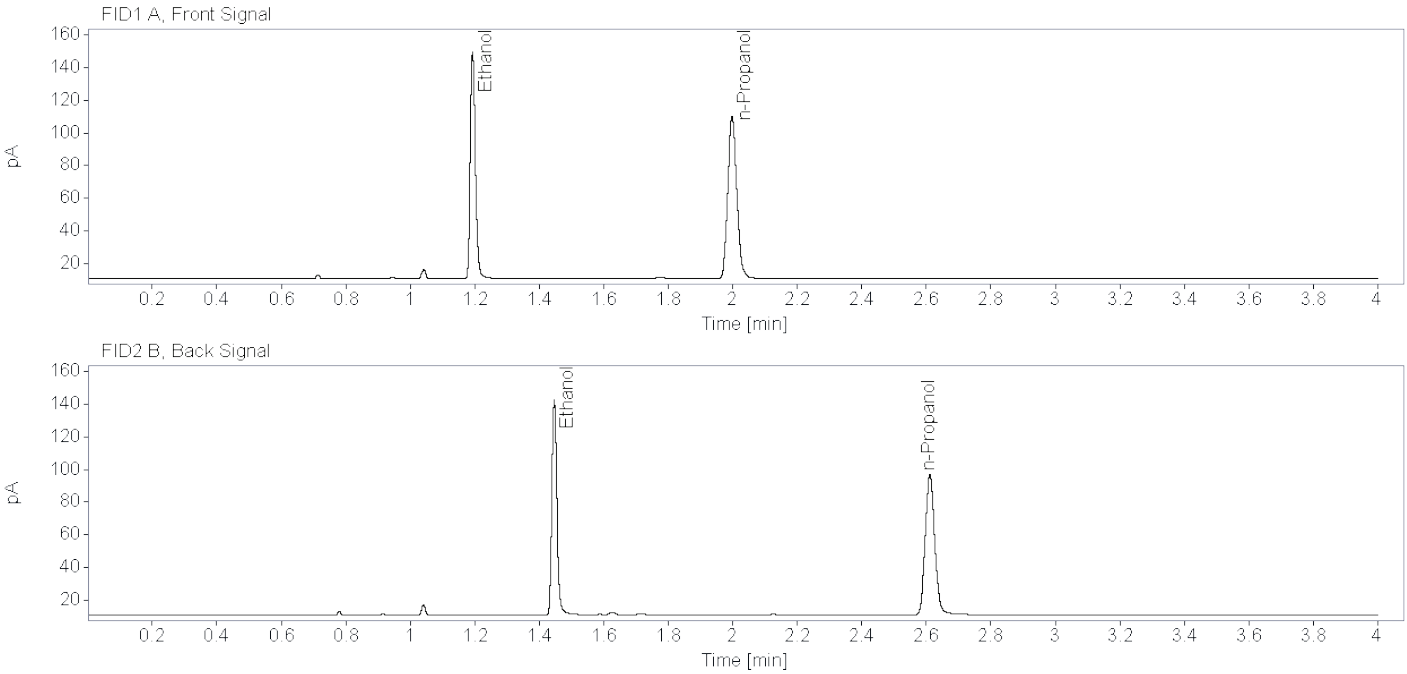
Reported UM: **0.020** **g/100 mL**

Comments: Previously analyzed in BAC_20240814_MH -- 9/10/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1222 001 (24-1852) **Description:** Alq 1 **Sample Barcode** 24-1852 **Vial Number:** 14
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:01:21 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\014F1401.D



Name FID1A

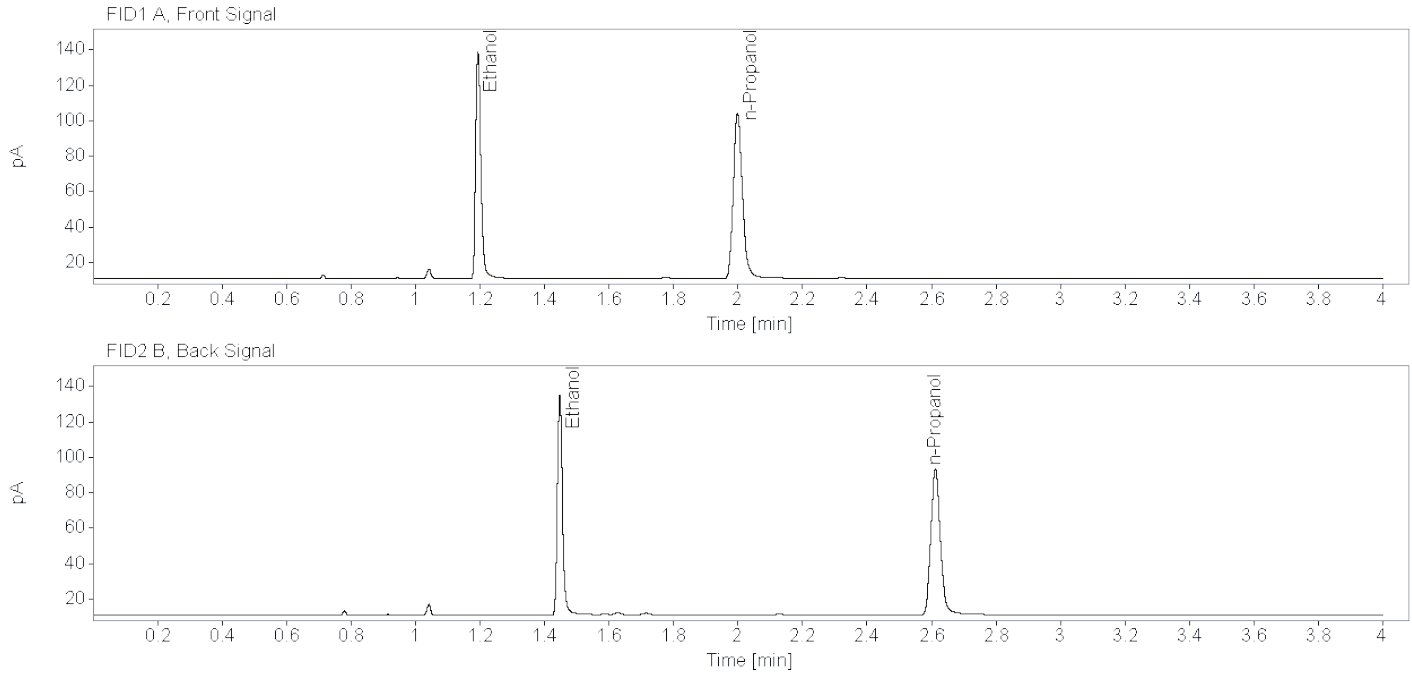
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79053	1.193	1.192	153.3571	0.1412
n-Propanol	0.84863	1.998	1.997	192.6945	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79922	1.447	1.445	141.9983	0.1418
n-Propanol	0.87839	2.611	2.610	173.8745	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1222 001 (24-1910) **Description:** Alq 2 **Sample Barcode** 24-1910 **Vial Number:** 72
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 8:04:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\072F7201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74941	1.194	1.192	143.1404	0.1395
n-Propanol	0.81239	1.998	1.997	182.0203	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78783	1.447	1.445	134.7909	0.1398
n-Propanol	0.84807	2.612	2.610	167.4271	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1350 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1918	Aliquot 1:	0.1923
	Aliquot 2:	0.1943	Aliquot 2:	0.1939

Reported Result: **0.193** **g/100 mL**

Reported UM: **0.028** **g/100 mL**

Comments:

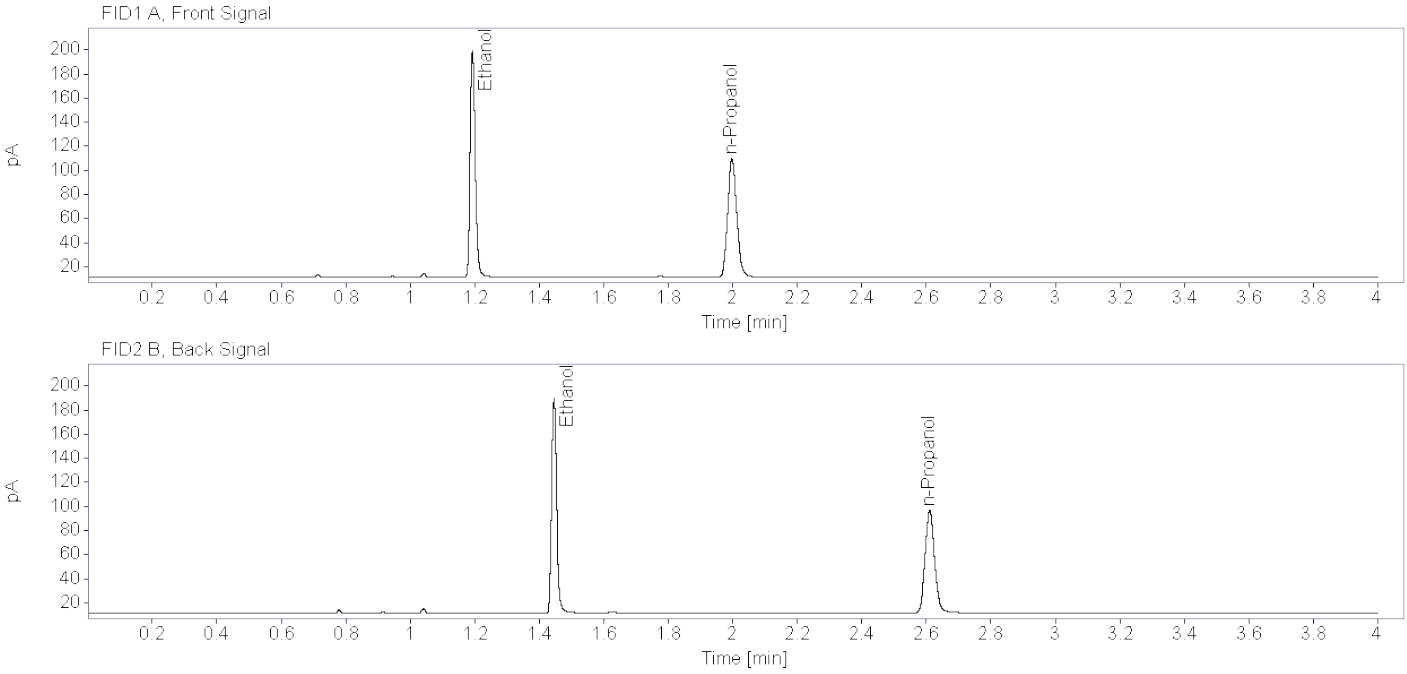
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1350 001_001 (24-1853) **Description:** Alq 1 **Sample Barcode** 24-1853 **Vial Number:** 15

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:06:52 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81059	1.193	1.192	207.9135	0.1918
n-Propanol	0.84209	1.997	1.997	191.8840	0.0100

Name FID2B

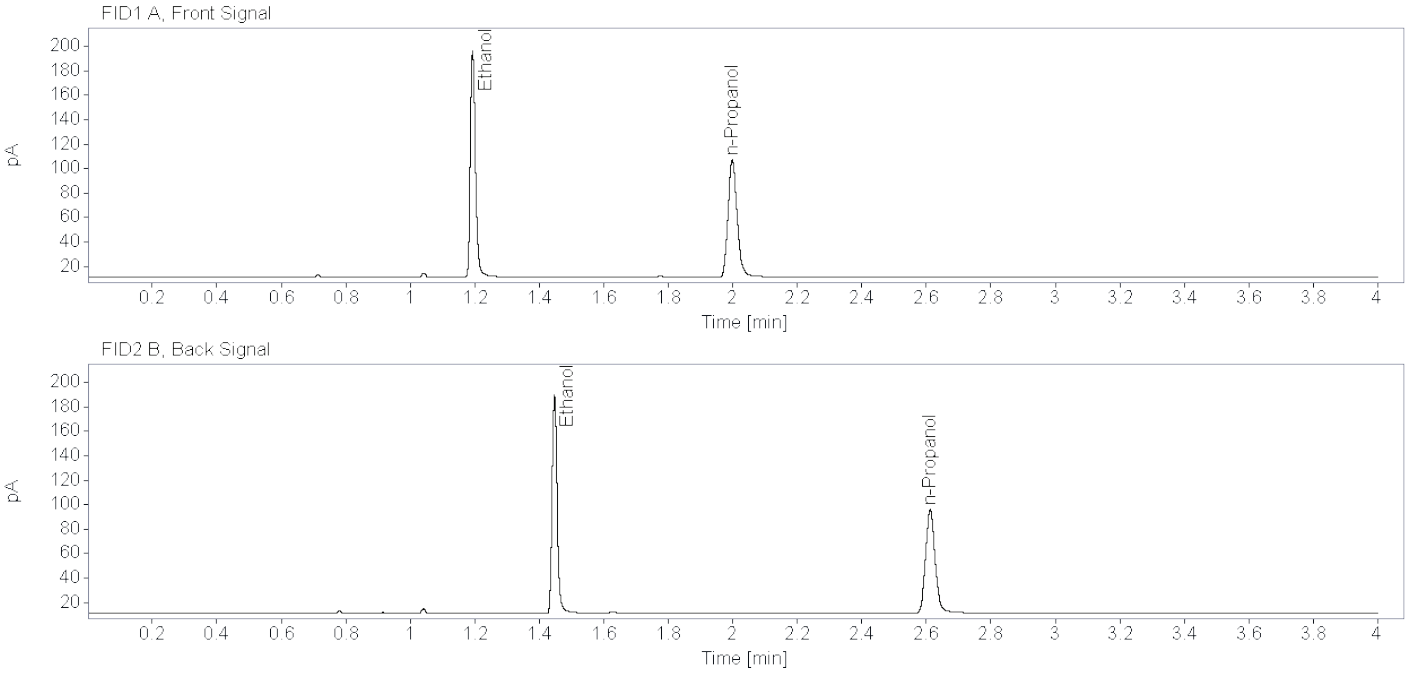
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82407	1.446	1.445	192.4855	0.1923
n-Propanol	0.87372	2.611	2.610	173.3675	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1350 001_001 (24-1909) **Description:** Alq 2 **Sample Barcode** 24-1909 **Vial Number:** 71

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:58:55 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\071F7101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76834	1.194	1.192	204.9902	0.1943
n-Propanol	0.81370	1.998	1.997	186.7415	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82080	1.447	1.445	192.3988	0.1939
n-Propanol	0.86803	2.612	2.610	171.8595	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1355 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

Reported UM: _____

Comments:

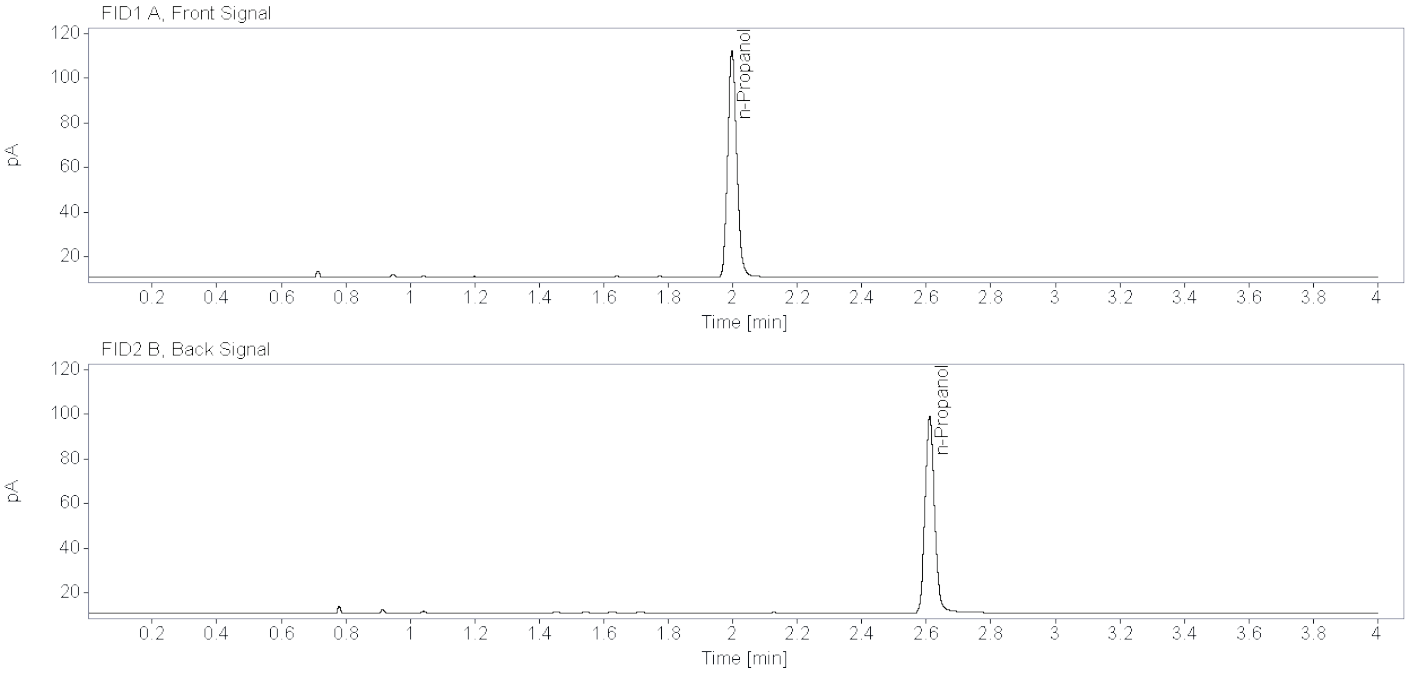
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1355 001_001 (24-1854) **Description:** Alq 1 **Sample Barcode** 24-1854 **Vial Number:** 16

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:11:45 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84684	1.998	1.997	196.9868	0.0100

Name FID2B

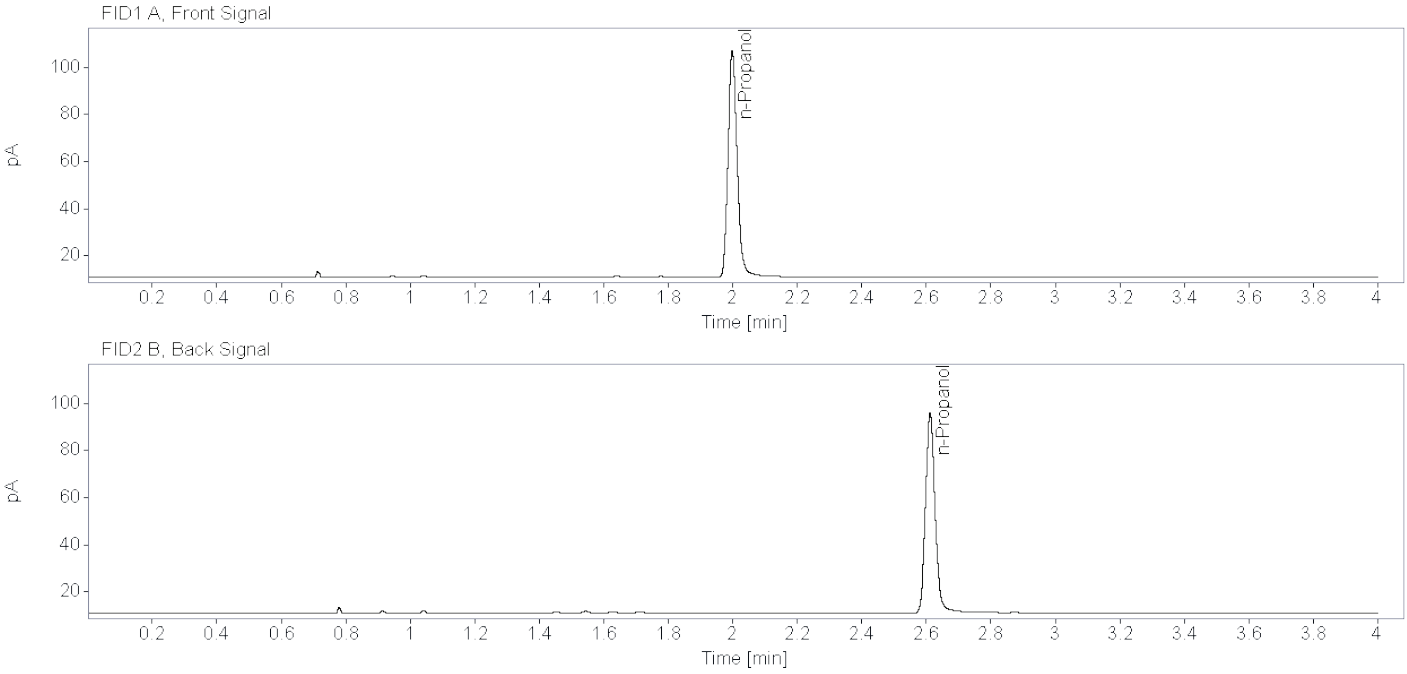
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87688	2.611	2.610	177.9390	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1355 001_001 (24-1908) **Description:** Alq 2 **Sample Barcode** 24-1908 **Vial Number:** 70

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:53:59 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\070F7001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80801	1.998	1.997	186.1183	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86825	2.612	2.610	172.0417	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1362 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1820	Aliquot 1:	0.1820
	Aliquot 2:	0.2159	Aliquot 2:	0.2146

Reported Result: ~~0.198~~ **g/100 mL**

Reported UM: **0.028** **g/100 mL**

9/10/2024 mh

Comments: Aliquots are not within 5% of the average. Sample will be repeated. -- 9/10/2024 mh

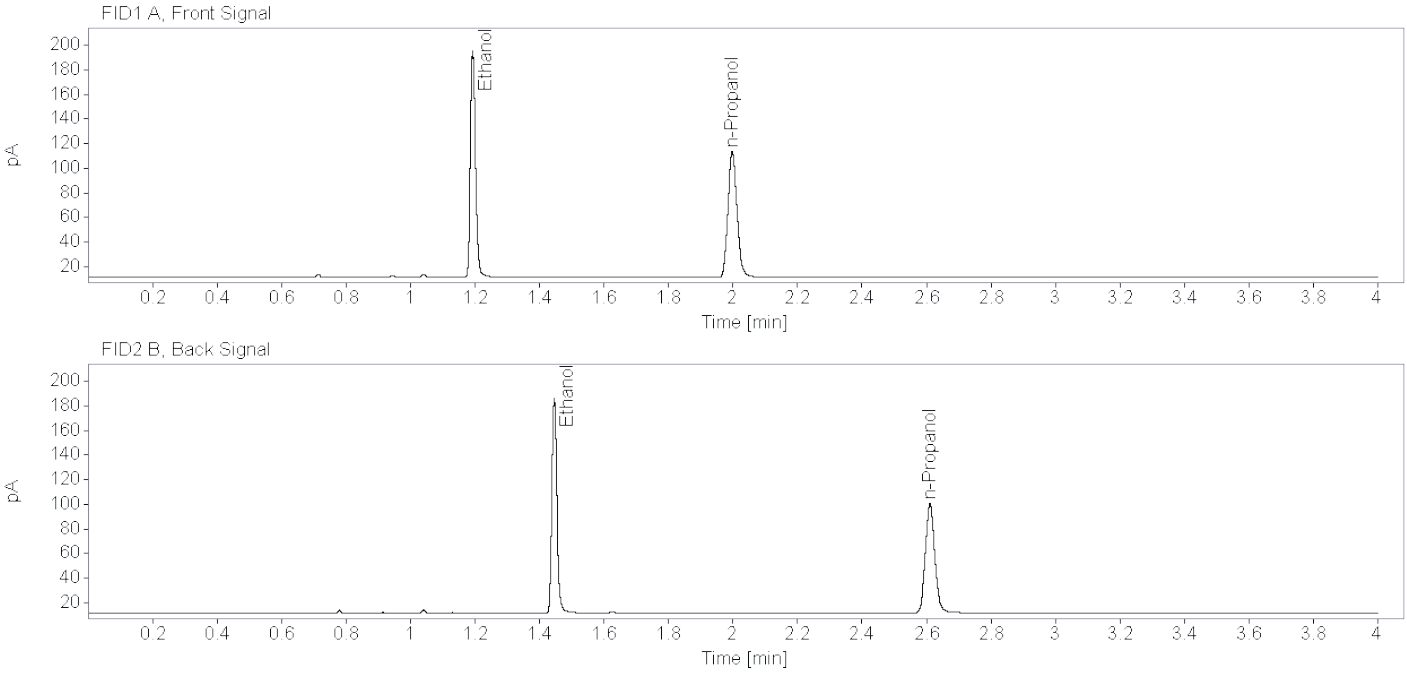
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1362 001_001 (24-1855) **Description:** Alq 1 **Sample Barcode** 24-1855 **Vial Number:** 17

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:17:16 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79913	1.193	1.192	204.3770	0.1820
n-Propanol	0.85275	1.998	1.997	198.8192	0.0100

Name FID2B

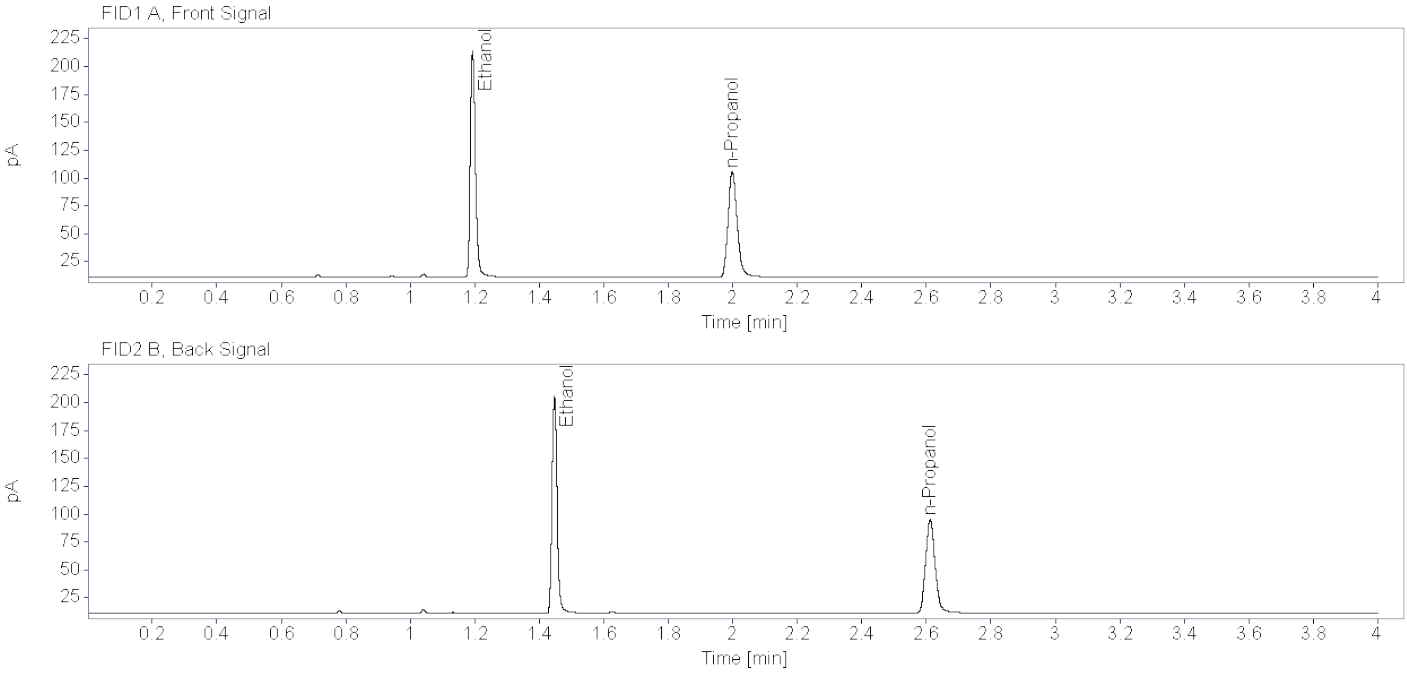
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81405	1.446	1.445	189.1783	0.1820
n-Propanol	0.88269	2.611	2.610	180.0576	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1362 001_001 (24-1907) **Description:** Alq 2 **Sample Barcode** 24-1907 **Vial Number:** 69

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:47:41 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\069F6901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77410	1.194	1.192	224.4129	0.2159
n-Propanol	0.80514	1.998	1.997	183.8405	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81979	1.447	1.445	210.4683	0.2146
n-Propanol	0.86832	2.612	2.610	169.7057	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1367 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2699	Aliquot 1:	0.2708
	Aliquot 2:	0.2788	Aliquot 2:	0.2773

Reported Result: 0.274 g/100 mL

Reported UM: 0.039 g/100 mL

Comments:

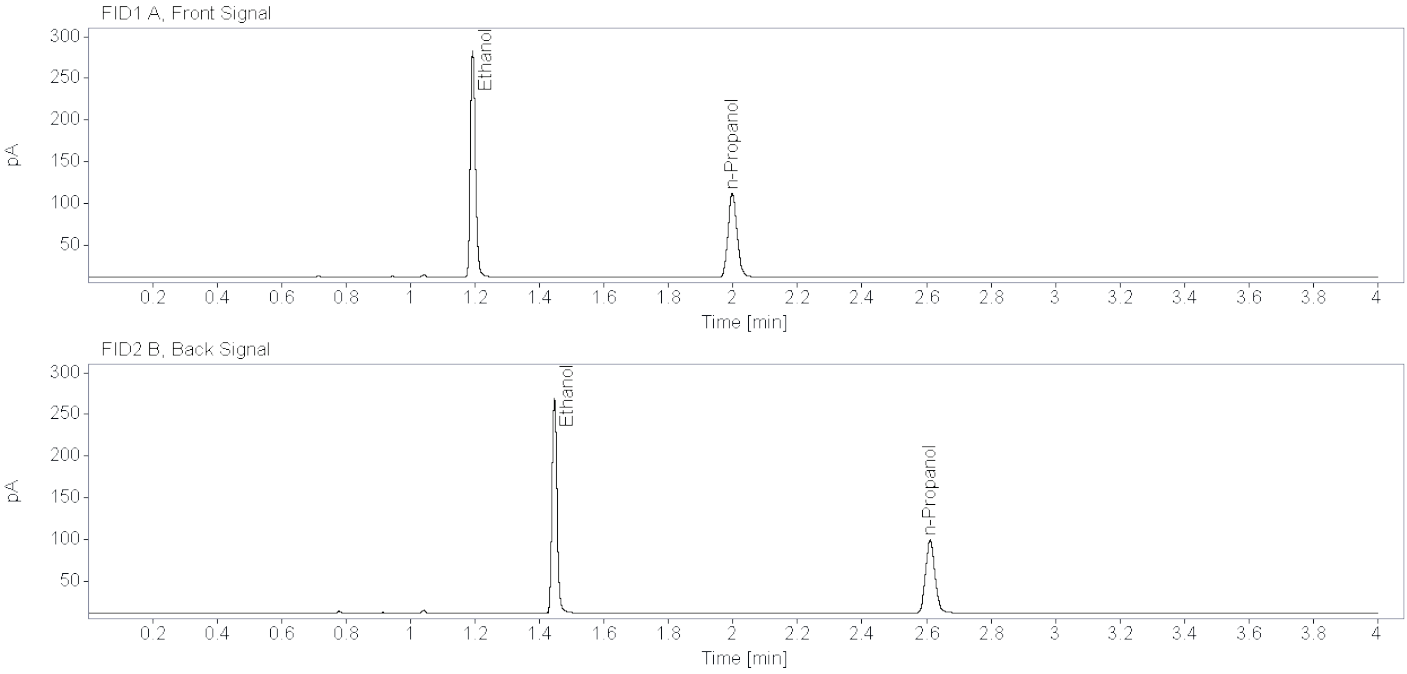
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1367 001_001 (24-1856) **Description:** Alq 1 **Sample Barcode** 24-1856 **Vial Number:** 18

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:22:09 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81603	1.193	1.192	299.4110	0.2699
n-Propanol	0.83584	1.998	1.997	196.0165	0.0100

Name FID2B

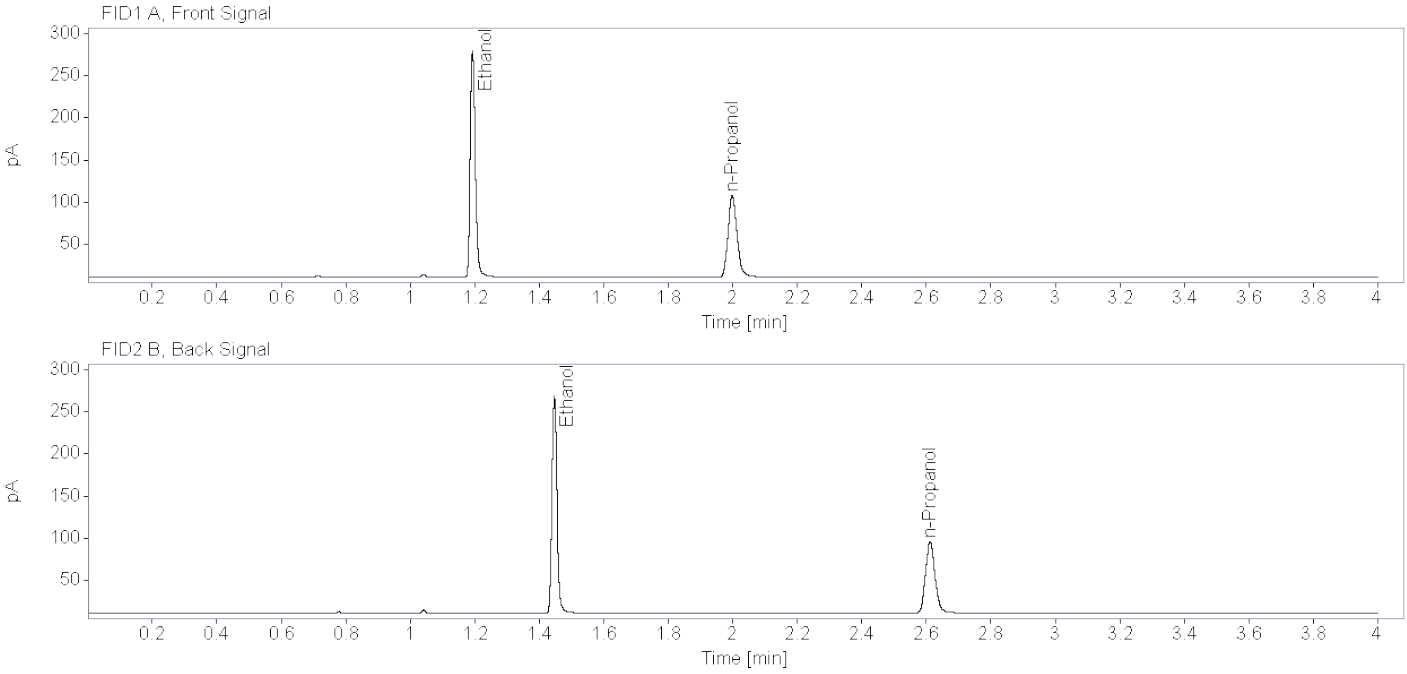
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84329	1.446	1.445	278.1244	0.2708
n-Propanol	0.88397	2.611	2.610	177.5492	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1367 001_001 (24-1906) **Description:** Alq 2 **Sample Barcode** 24-1906 **Vial Number:** 68

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:42:52 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\068F6801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78523	1.193	1.192	295.0633	0.2788
n-Propanol	0.81899	1.998	1.997	186.9841	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83484	1.447	1.445	276.5237	0.2773
n-Propanol	0.86592	2.612	2.610	172.3756	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1374 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0948	Aliquot 1:	0.0949
	Aliquot 2:	0.0976	Aliquot 2:	0.0979

Reported Result: **0.096** **g/100 mL**

Reported UM: **0.014** **g/100 mL**

Comments:

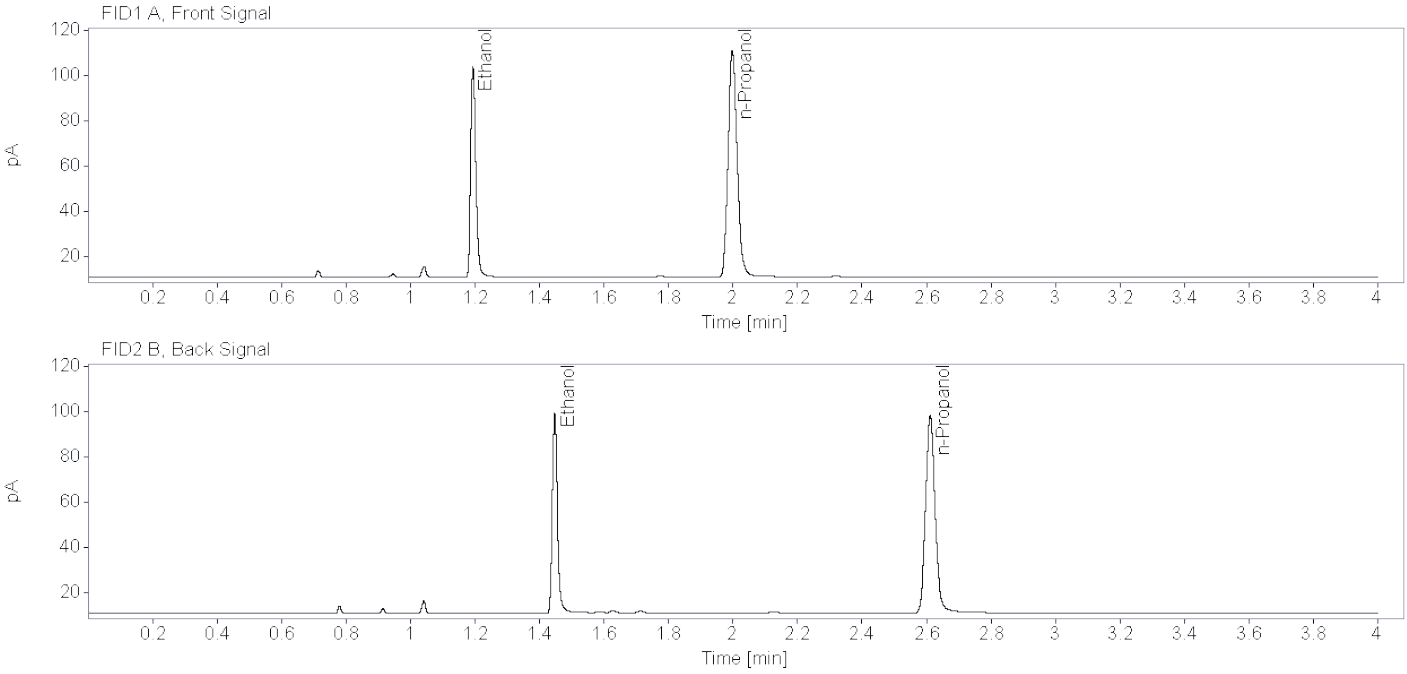
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1374 001_001 (24-1857) **Description:** Alq 1 **Sample Barcode** 24-1857 **Vial Number:** 19

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:27:40 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77330	1.194	1.192	103.4556	0.0948
n-Propanol	0.83467	1.998	1.997	194.4053	0.0100

Name FID2B

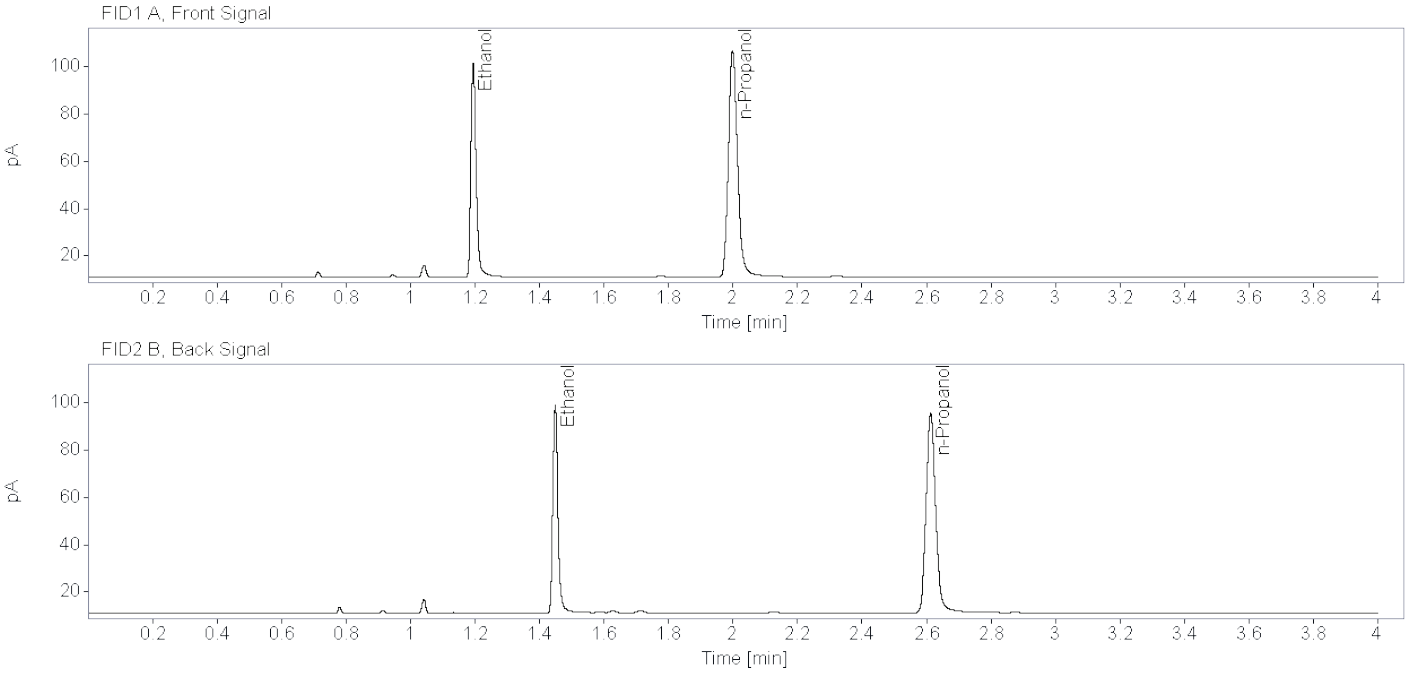
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80270	1.447	1.445	96.0169	0.0949
n-Propanol	0.88841	2.611	2.610	176.4180	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1374 001_001 (24-1905) **Description:** Alq 2 **Sample Barcode** 24-1905 **Vial Number:** 67

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:37:17 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\067F6701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74407	1.195	1.192	101.7638	0.0976
n-Propanol	0.79999	1.999	1.997	185.6508	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78467	1.449	1.445	96.2788	0.0979
n-Propanol	0.85622	2.613	2.610	171.3082	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1386 001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1942	Aliquot 1:	0.1945
	Aliquot 2:	0.2065	Aliquot 2:	0.2052

Reported Result: **0.200** **g/100 mL**

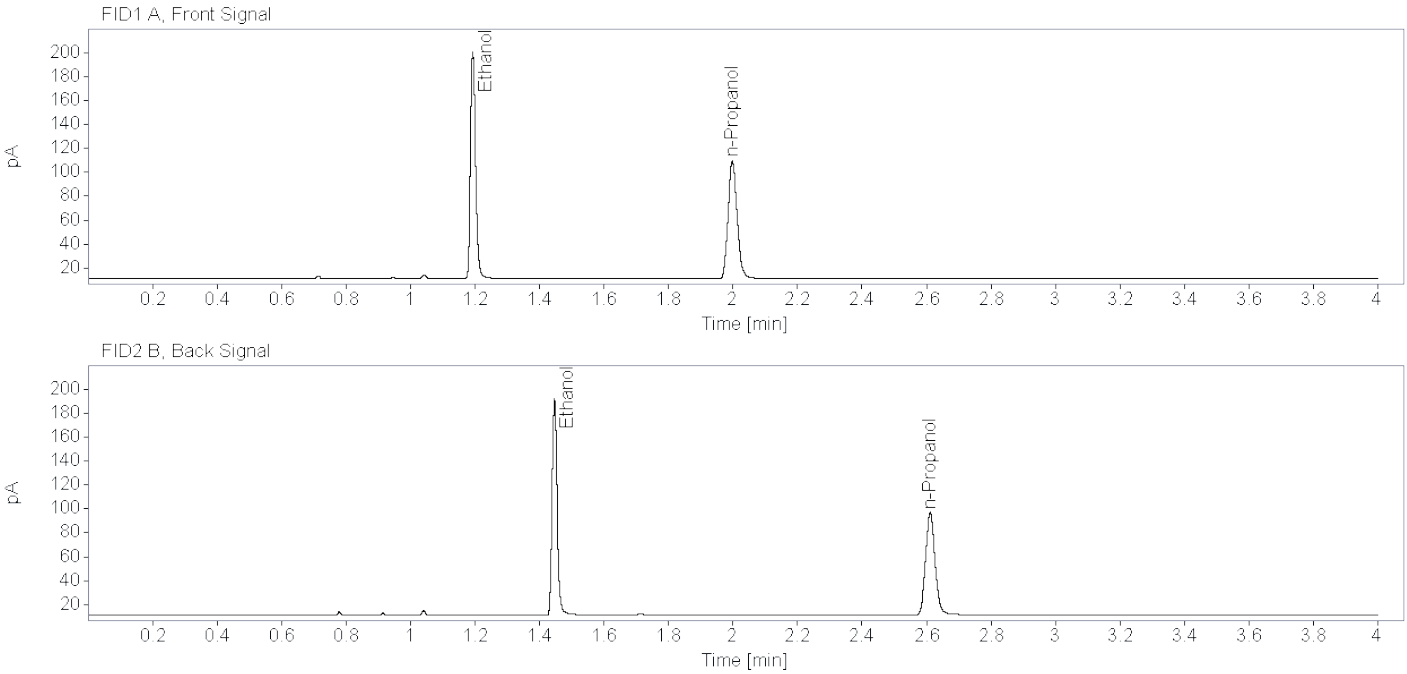
Reported UM: **0.029** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1386 001 (24-1858) **Description:** Alq 1 **Sample Barcode** 24-1858 **Vial Number:** 20
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:32:33 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\020F2001.D



Name FID1A

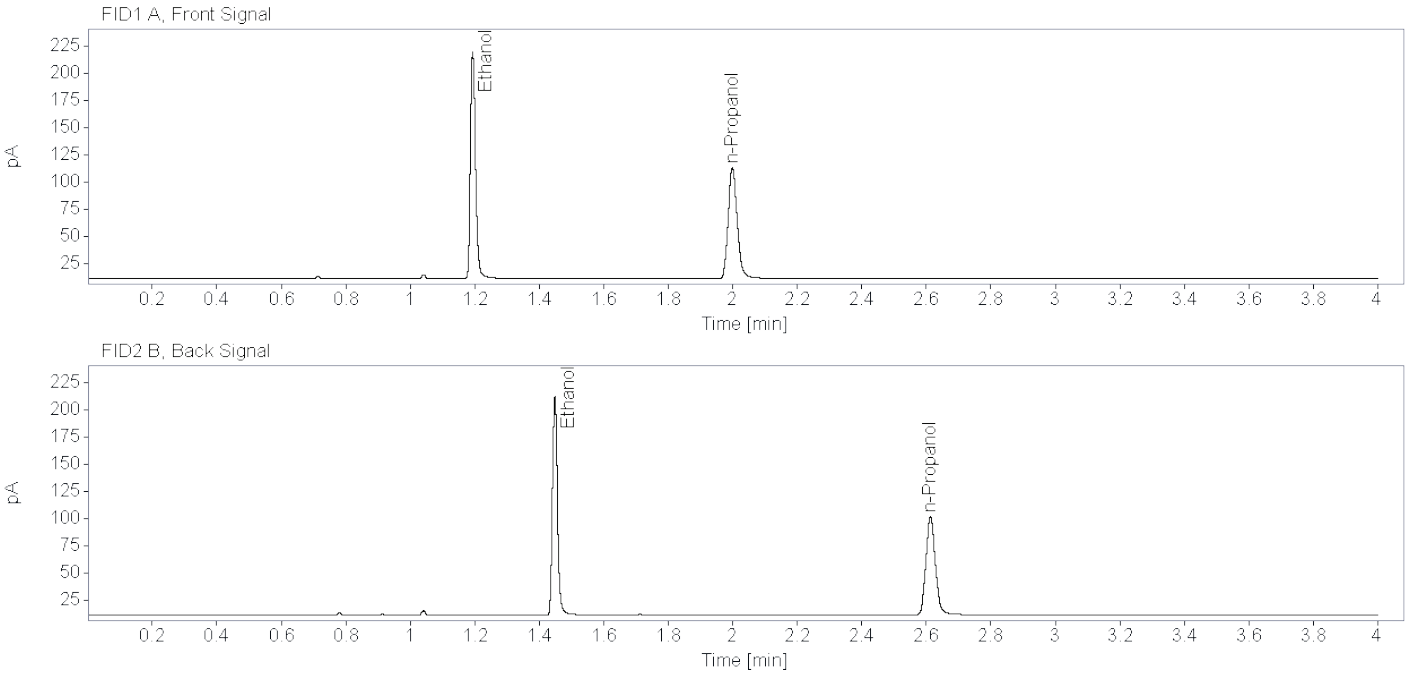
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80365	1.193	1.192	209.3379	0.1942
n-Propanol	0.83185	1.998	1.997	190.8257	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82681	1.447	1.445	194.4978	0.1945
n-Propanol	0.88598	2.611	2.610	173.1391	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1386 001 (24-1904) **Description:** Alq 2 **Sample Barcode** 24-1904 **Vial Number:** 66
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:32:28 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\066F6601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78021	1.194	1.192	230.6361	0.2065
n-Propanol	0.81551	1.999	1.997	197.6045	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82200	1.448	1.445	216.1544	0.2052
n-Propanol	0.85443	2.613	2.610	182.4014	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1387 001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1569	Aliquot 1:	0.1567
	Aliquot 2:	0.1638	Aliquot 2:	0.1631

Reported Result: **0.160** **g/100 mL**

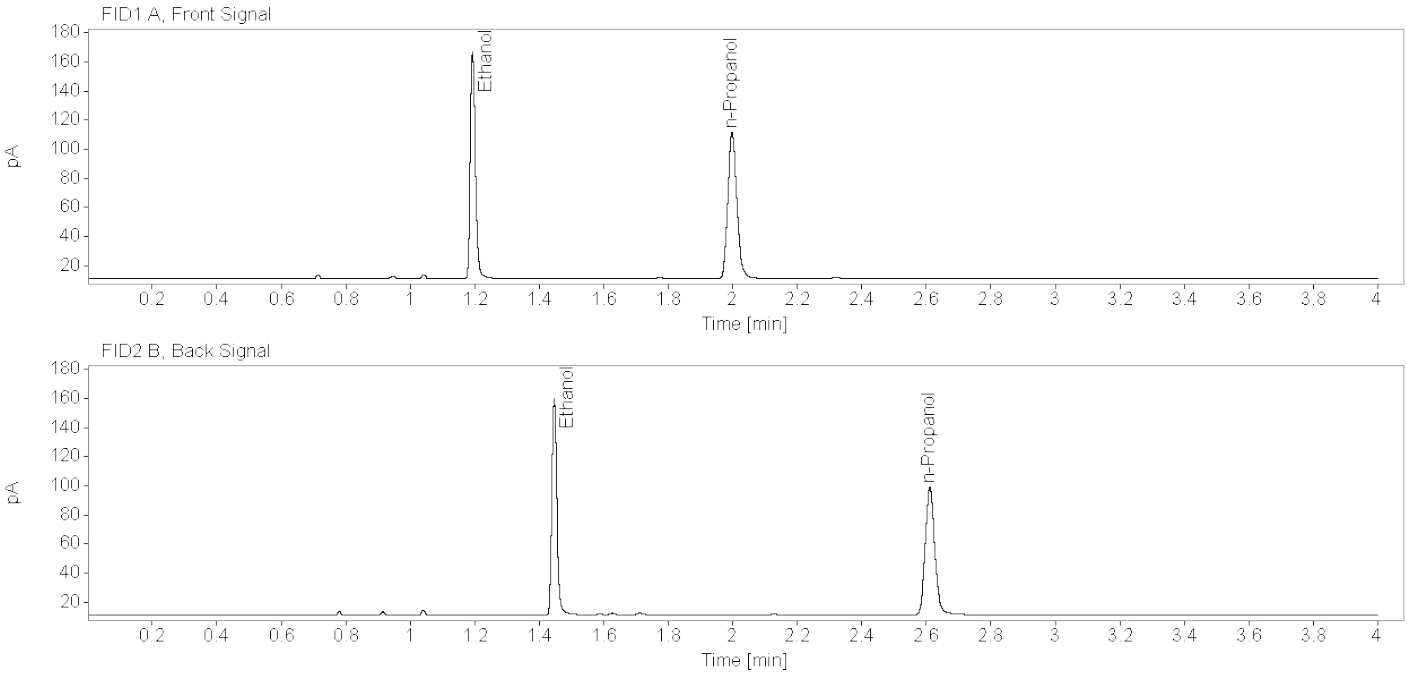
Reported UM: **0.023** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1387 001 (24-1859) **Description:** Alq 1 **Sample Barcode** 24-1859 **Vial Number:** 21
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:38:04 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\021F2101.D



Name FID1A

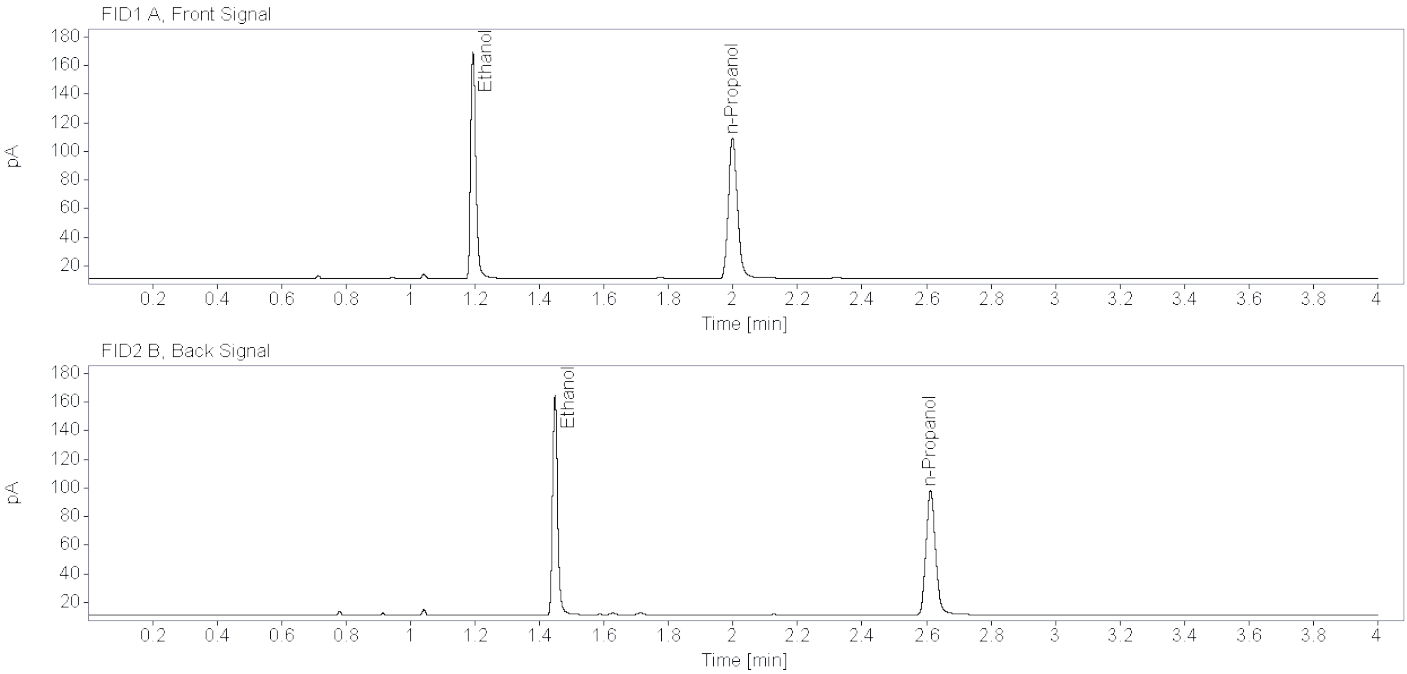
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78162	1.193	1.192	172.7033	0.1569
n-Propanol	0.84113	1.998	1.997	195.1427	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80055	1.447	1.445	160.6548	0.1567
n-Propanol	0.87555	2.611	2.610	177.7912	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1387 001 (24-1902) **Description:** Alq 2 **Sample Barcode** 24-1902 **Vial Number:** 64
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:22:04 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\064F6401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76243	1.194	1.192	175.9500	0.1638
n-Propanol	0.81531	1.999	1.997	190.3205	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80521	1.448	1.445	165.5099	0.1631
n-Propanol	0.85890	2.613	2.610	175.9192	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1392 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2267	Aliquot 1:	0.2260
	Aliquot 2:	0.2349	Aliquot 2:	0.2333

Reported Result: 0.230 g/100 mL

Reported UM: 0.033 g/100 mL

Comments:

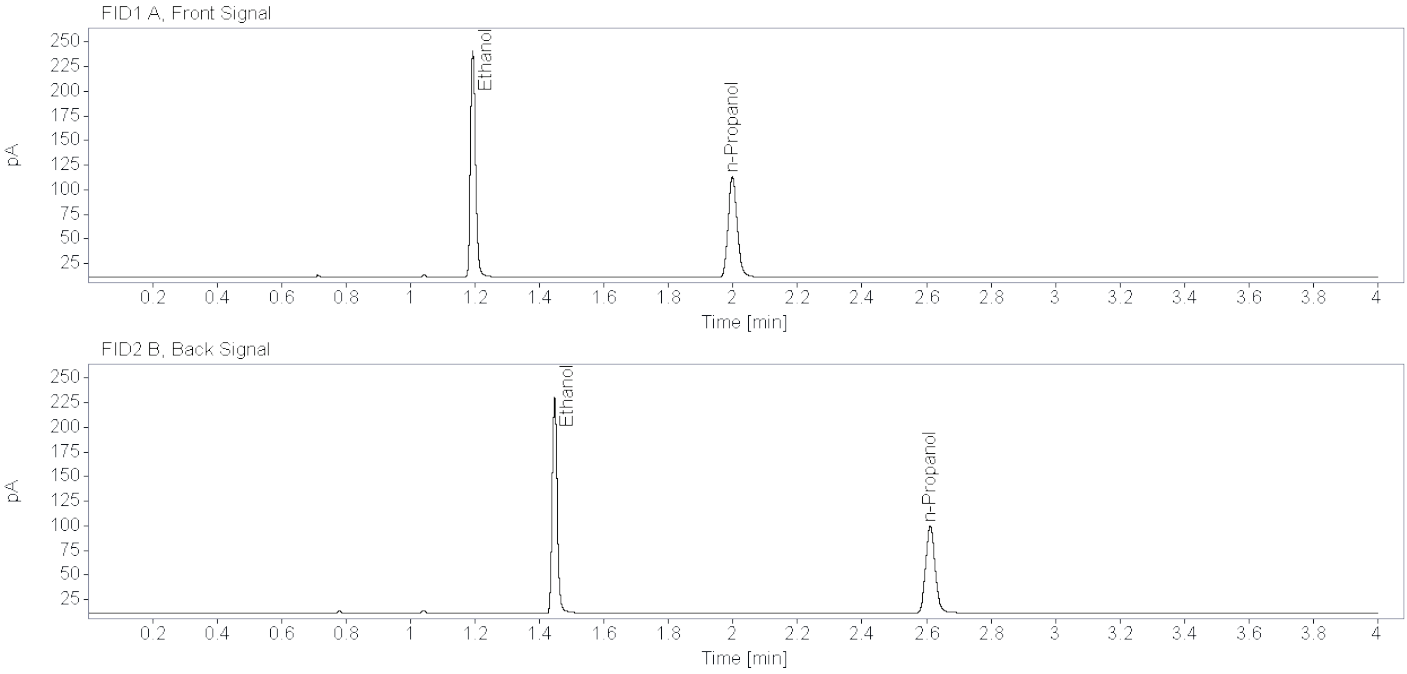
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1392 001_001 (24-1861) **Description:** Alq 1 **Sample Barcode** 24-1861 **Vial Number:** 23

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:48:27 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80775	1.193	1.192	253.2736	0.2267
n-Propanol	0.83082	1.998	1.997	197.5989	0.0100

Name FID2B

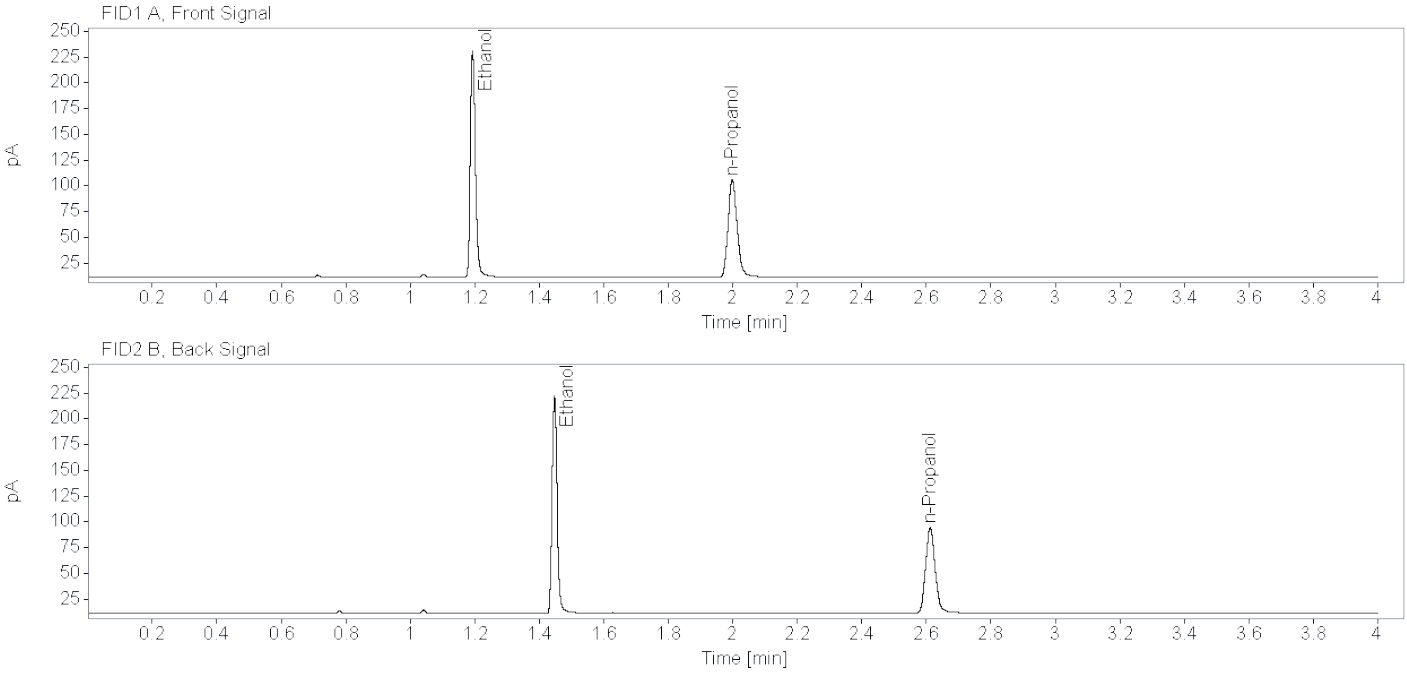
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84363	1.447	1.445	235.5891	0.2260
n-Propanol	0.87429	2.611	2.610	180.3874	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1392 001_001 (24-1901) **Description:** Alq 2 **Sample Barcode** 24-1901 **Vial Number:** 63

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:16:28 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\063F6301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77699	1.194	1.192	242.7999	0.2349
n-Propanol	0.80793	1.998	1.997	182.7449	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82795	1.447	1.445	227.7651	0.2333
n-Propanol	0.86771	2.612	2.610	168.9004	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1393 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1756	Aliquot 1:	0.1754
	Aliquot 2:	0.1787	Aliquot 2:	0.1780

Reported Result: **0.176** **g/100 mL**

Reported UM: **0.025** **g/100 mL**

Comments:

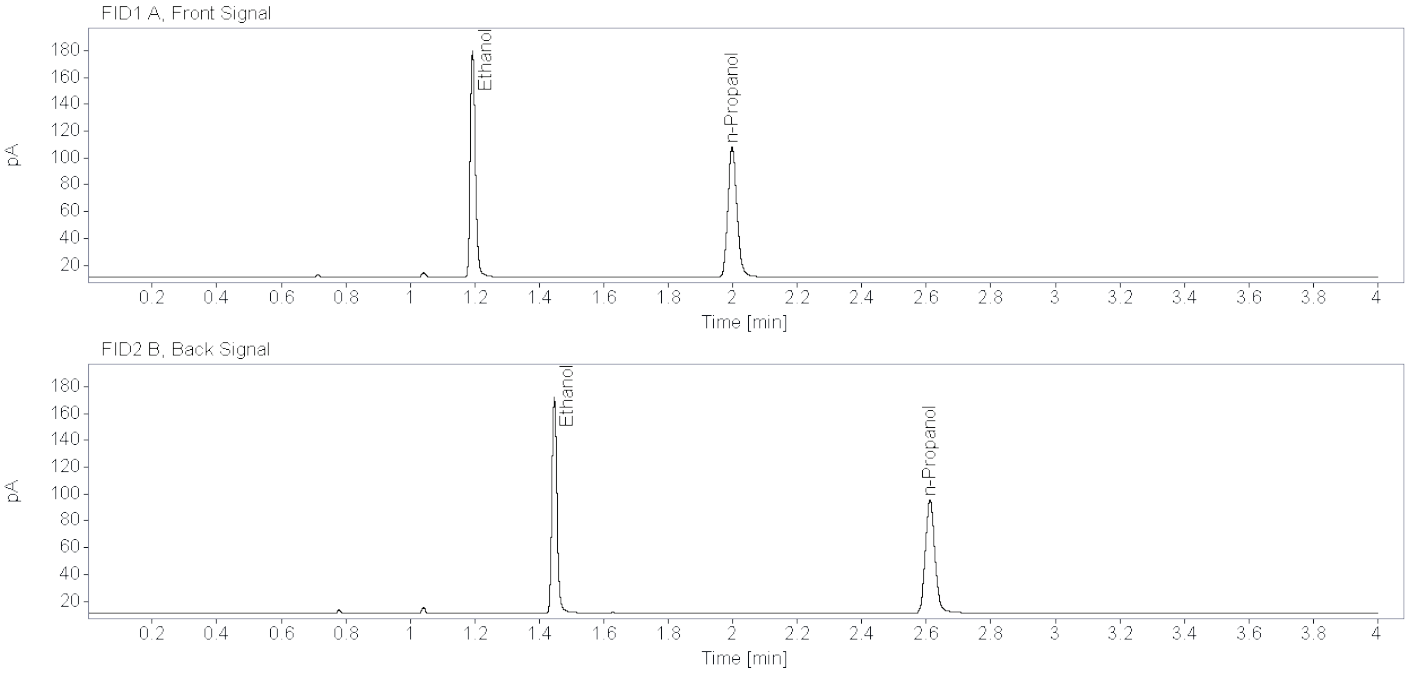
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1393 001_001 (24-1862) **Description:** Alq 1 **Sample Barcode** 24-1862 **Vial Number:** 24

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:53:21 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78092	1.193	1.192	186.7693	0.1756
n-Propanol	0.83155	1.998	1.997	188.4205	0.0100

Name FID2B

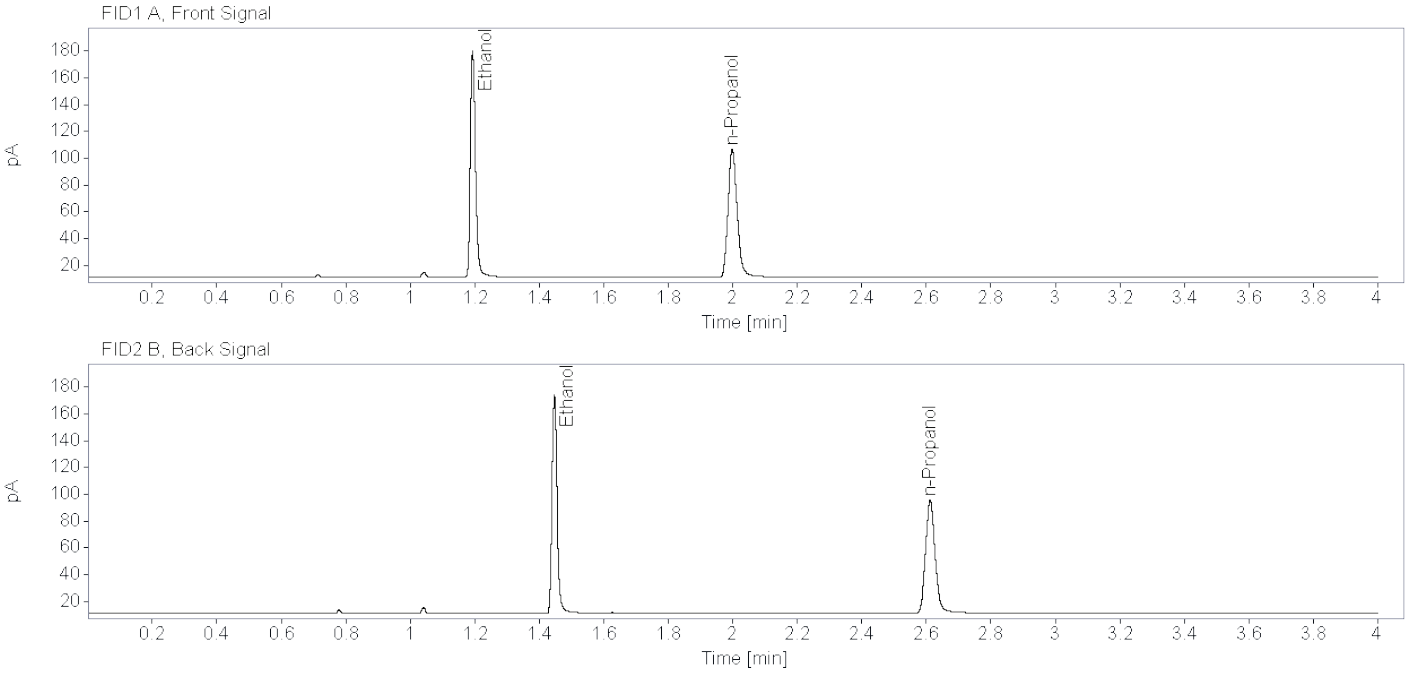
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80979	1.447	1.445	173.6402	0.1754
n-Propanol	0.87706	2.611	2.610	171.5712	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1393 001_001 (24-1900) **Description:** Alq 2 **Sample Barcode** 24-1900 **Vial Number:** 62

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:11:40 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\062F6201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76471	1.194	1.192	187.5094	0.1787
n-Propanol	0.81380	1.998	1.997	185.8679	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80815	1.447	1.445	176.0338	0.1780
n-Propanol	0.87018	2.612	2.610	171.3701	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1401 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

Reported UM: _____

Comments:

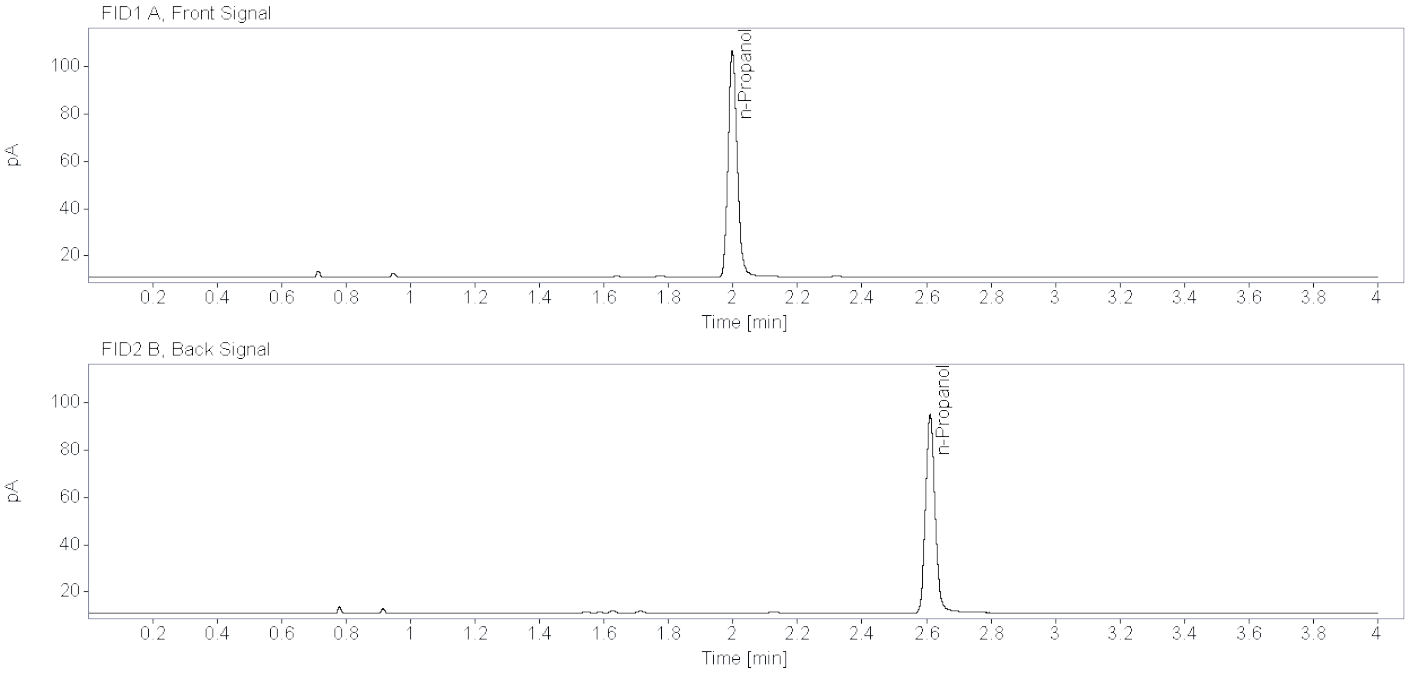
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1401 001_001 (24-1863) **Description:** Alq 1 **Sample Barcode** 24-1863 **Vial Number:** 25

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 3:58:52 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82484	1.998	1.997	185.7716	0.0100

Name FID2B

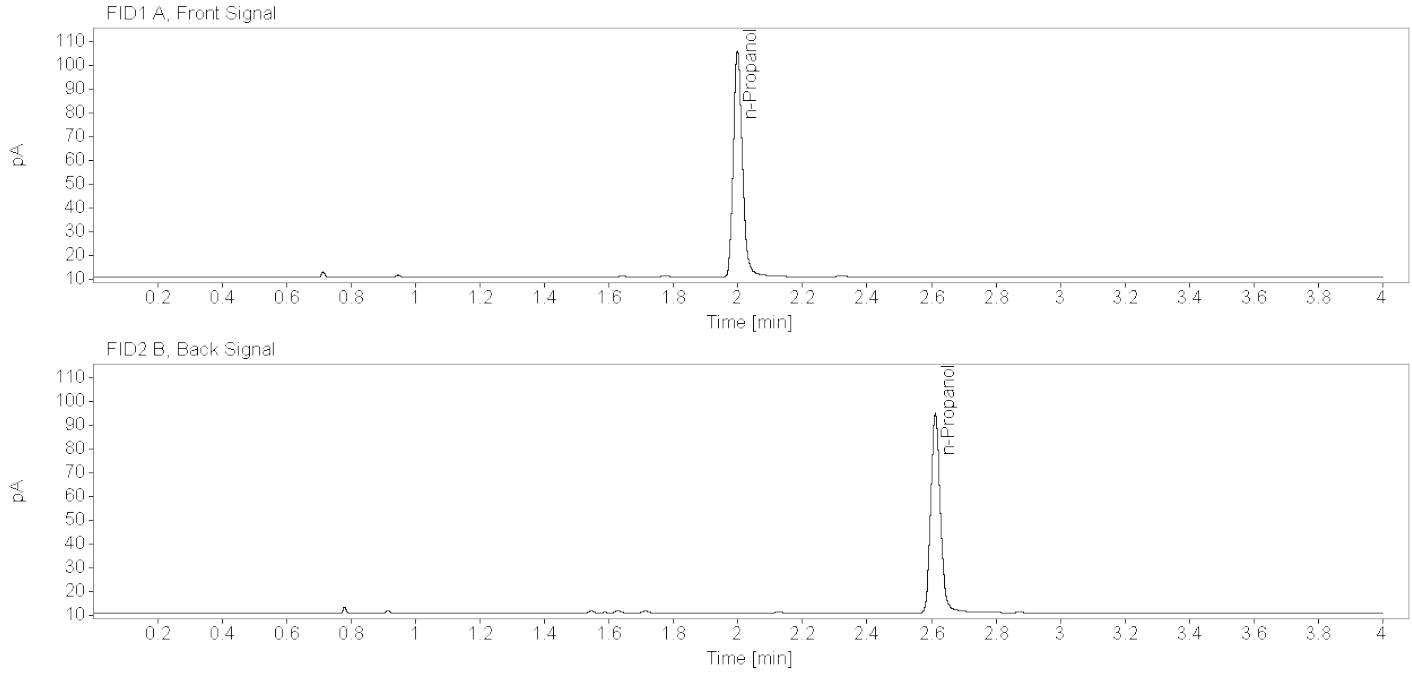
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87589	2.611	2.610	169.6494	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1401 001_001 (24-1899) **Description:** Alq 2 **Sample Barcode** 24-1899 **Vial Number:** 61

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:06:04 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\061F6101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81425	1.998	1.997	183.8669	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84563	2.612	2.610	169.7026	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1402 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2868	Aliquot 1:	0.2866
	Aliquot 2:	0.3335	Aliquot 2:	0.3314

Reported Result: **0.309** **g/100 mL**

Reported UM: **0.044** **g/100 mL**

9/10/2024 mh

Comments: Aliquots are not within 5% of the average. Sample will be repeated. -- 9/10/2024 mh

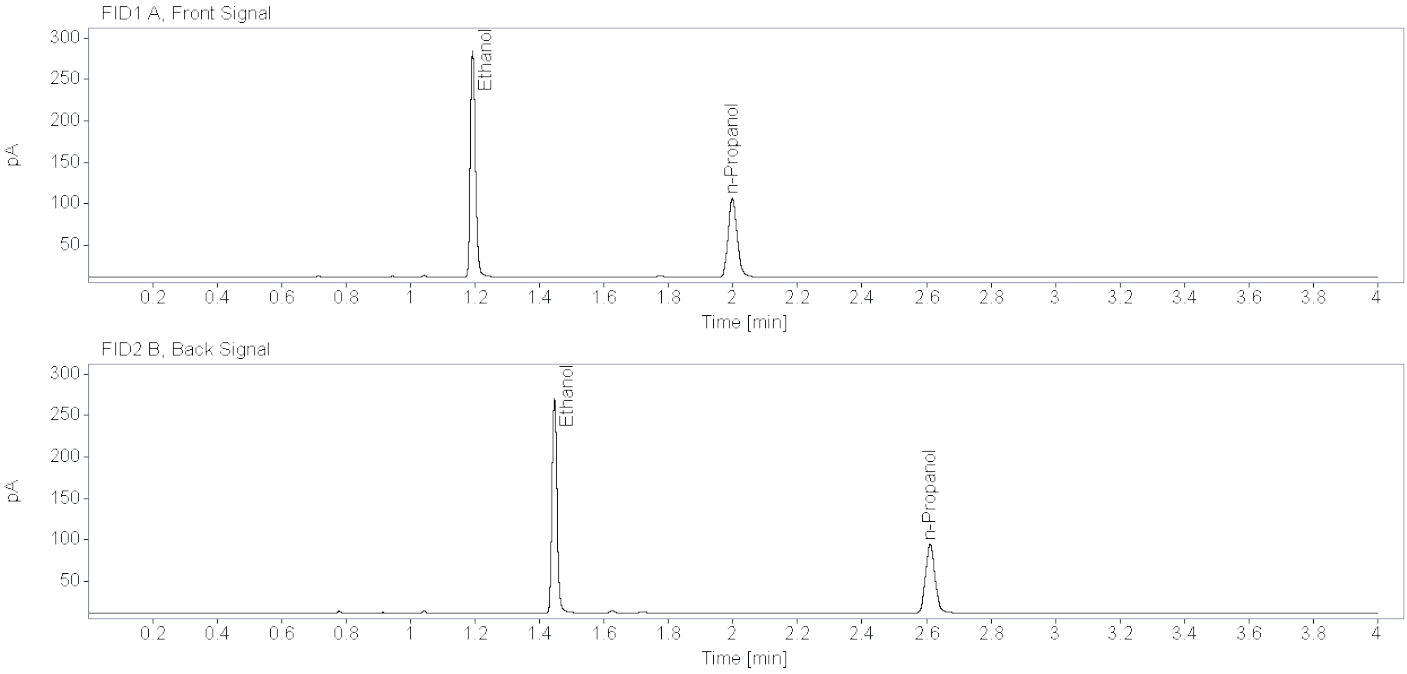
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1402 001_001 (24-1864) **Description:** Alq 1 **Sample Barcode** 24-1864 **Vial Number:** 26

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 4:03:45 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80449	1.193	1.192	300.6631	0.2868
n-Propanol	0.82498	1.998	1.997	185.2333	0.0100

Name FID2B

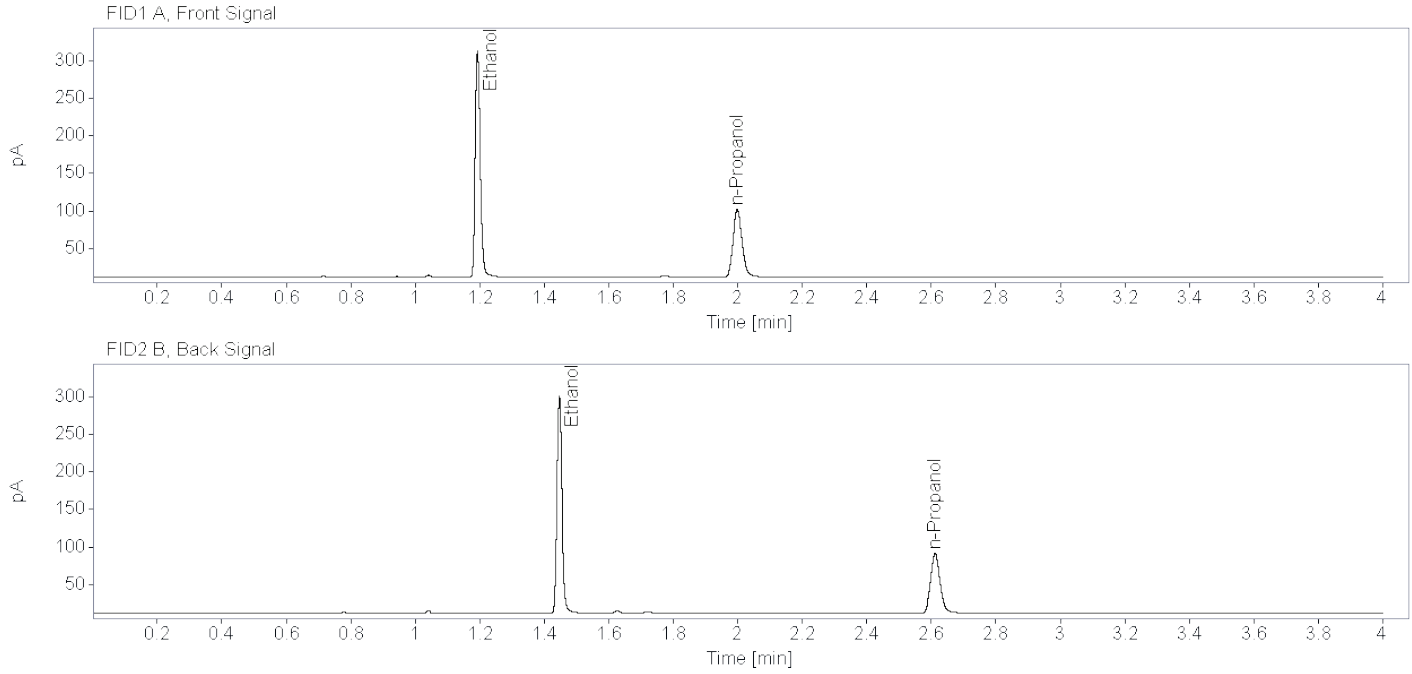
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84077	1.446	1.445	280.3893	0.2866
n-Propanol	0.87761	2.611	2.610	169.0790	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1402 001_001 (24-1898) **Description:** Alq 2 **Sample Barcode** 24-1898 **Vial Number:** 60

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 7:01:16 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\060F6001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79253	1.193	1.192	332.9111	0.3335
n-Propanol	0.81611	1.998	1.997	176.2683	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84474	1.447	1.445	311.9250	0.3314
n-Propanol	0.86456	2.612	2.610	162.5612	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1412 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1479	Aliquot 1:	0.1474
	Aliquot 2:	0.1447	Aliquot 2:	0.1442

Reported Result: **0.146** **g/100 mL**

Reported UM: **0.021** **g/100 mL**

Comments:

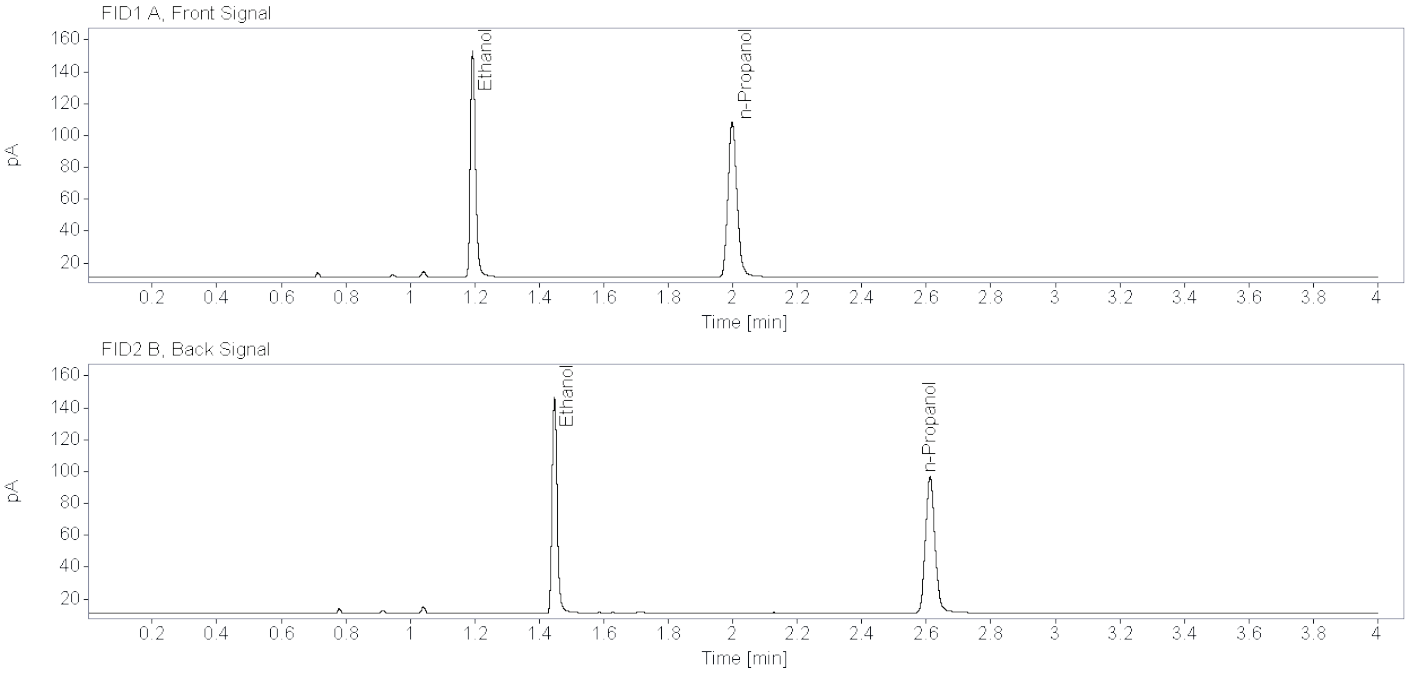
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1412 001_001 (24-1865) **Description:** Alq 1 **Sample Barcode** 24-1865 **Vial Number:** 27

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 4:09:17 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77258	1.194	1.192	157.7486	0.1479
n-Propanol	0.82874	1.998	1.997	189.1124	0.0100

Name FID2B

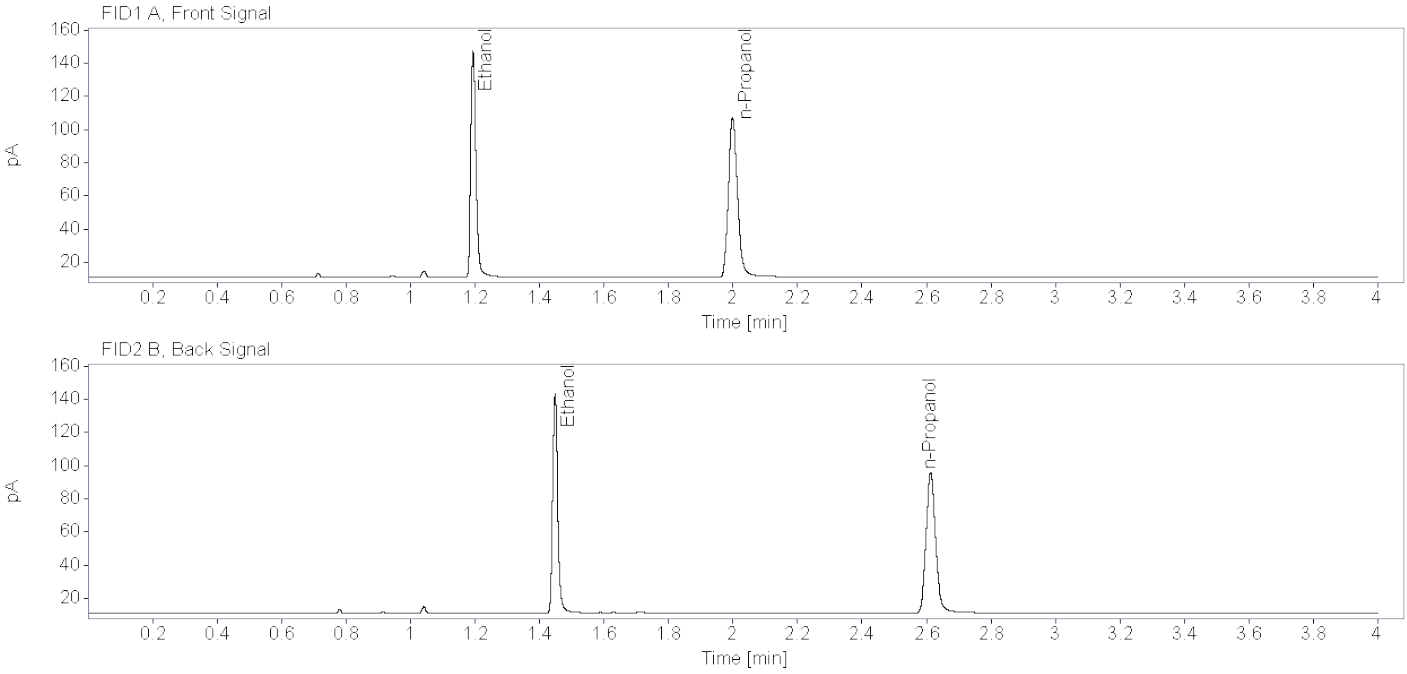
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80590	1.447	1.445	147.0054	0.1474
n-Propanol	0.87793	2.612	2.610	173.1203	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1412 001_001 (24-1897) **Description:** Alq 2 **Sample Barcode** 24-1897 **Vial Number:** 59

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 6:55:39 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\059F5901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75846	1.194	1.192	152.0382	0.1447
n-Propanol	0.81498	1.999	1.997	186.4295	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80164	1.448	1.445	142.9205	0.1442
n-Propanol	0.85976	2.613	2.610	172.0524	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1414 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2427	Aliquot 1:	0.2418
	Aliquot 2:	0.2385	Aliquot 2:	0.2368

Reported Result: **0.239** **g/100 mL**

Reported UM: **0.034** **g/100 mL**

Comments:

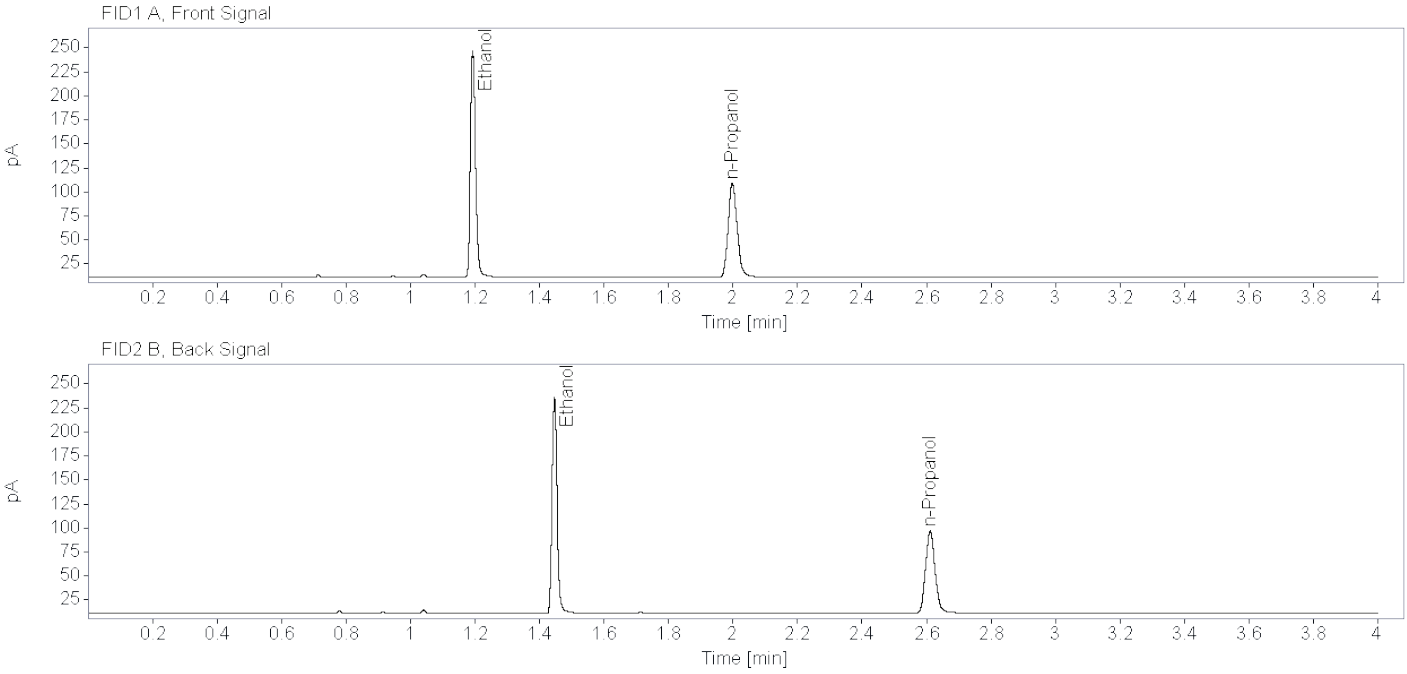
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1414 001_001 (24-1866) **Description:** Alq 1 **Sample Barcode** 24-1866 **Vial Number:** 28

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 4:14:09 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79824	1.193	1.192	260.0501	0.2427
n-Propanol	0.82036	1.998	1.997	189.4135	0.0100

Name FID2B

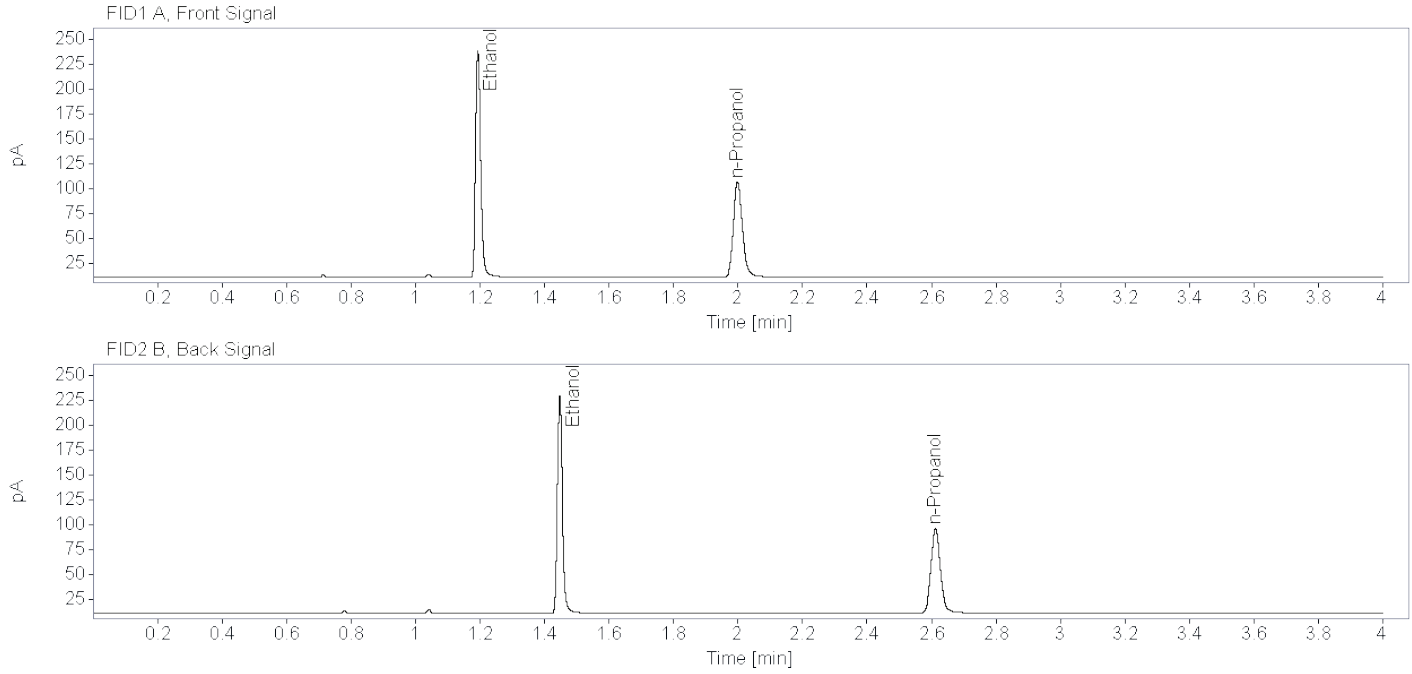
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83347	1.446	1.445	242.6541	0.2418
n-Propanol	0.88123	2.611	2.610	173.5390	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1414 001_001 (24-1896) **Description:** Alq 2 **Sample Barcode** 24-1896 **Vial Number:** 58

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 6:50:51 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79724	1.194	1.192	250.3345	0.2385
n-Propanol	0.81142	1.998	1.997	185.6231	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82282	1.447	1.445	234.7293	0.2368
n-Propanol	0.85221	2.612	2.610	171.4420	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1415 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1711	Aliquot 1:	0.1705
	Aliquot 2:	0.1708	Aliquot 2:	0.1701

Reported Result: **0.170** **g/100 mL**

Reported UM: **0.024** **g/100 mL**

Comments:

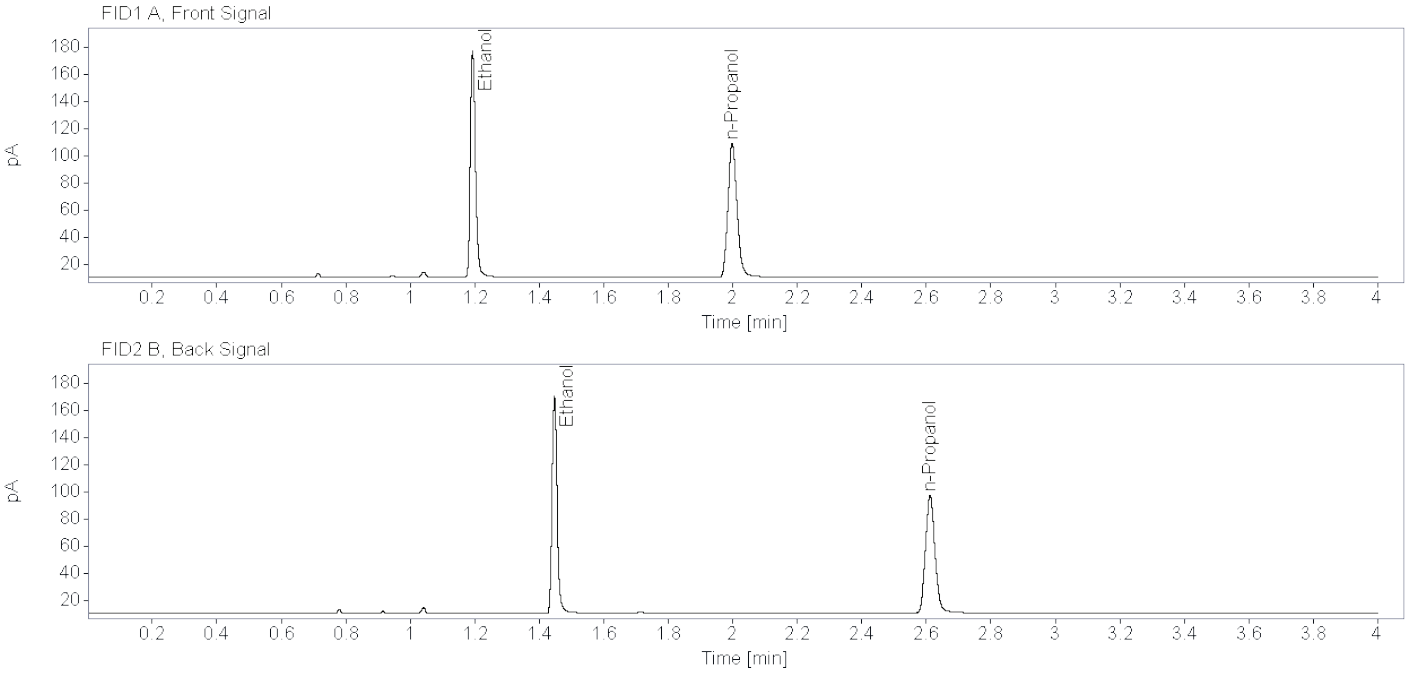
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1415 001_001 (24-1867) **Description:** Alq 1 **Sample Barcode** 24-1867 **Vial Number:** 29

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 4:19:40 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77710	1.194	1.192	183.8853	0.1711
n-Propanol	0.82956	1.998	1.997	190.4029	0.0100

Name FID2B

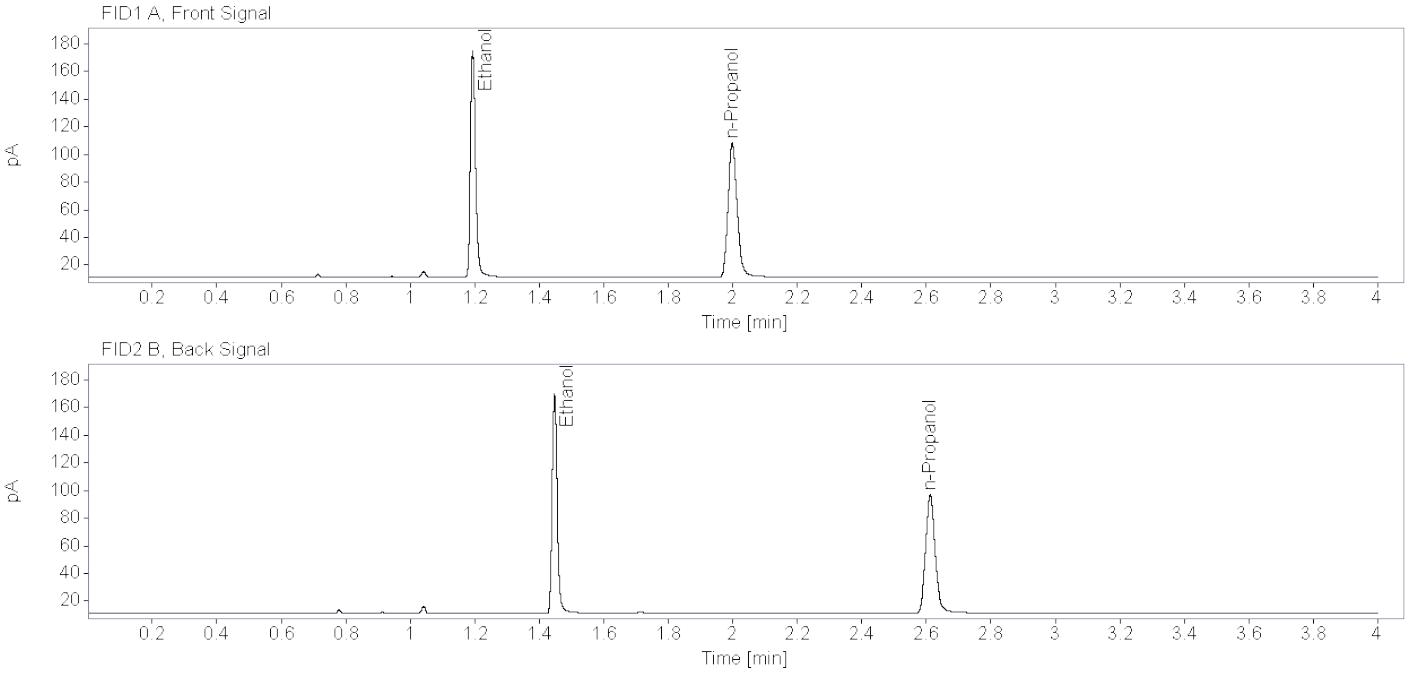
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81357	1.447	1.445	171.7874	0.1705
n-Propanol	0.87686	2.612	2.610	174.6032	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1415 001_001 (24-1895) **Description:** Alq 2 **Sample Barcode** 24-1895 **Vial Number:** 57

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 6:45:16 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\057F5701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76825	1.194	1.192	182.2968	0.1708
n-Propanol	0.82081	1.998	1.997	189.0742	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81700	1.448	1.445	171.0074	0.1701
n-Propanol	0.87295	2.612	2.610	174.2512	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1416 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3905	Aliquot 1:	0.3893
	Aliquot 2:	0.4037	Aliquot 2:	0.4007

Reported Result: **0.396** **g/100 mL**

Reported UM: **0.057** **g/100 mL**

Comments:

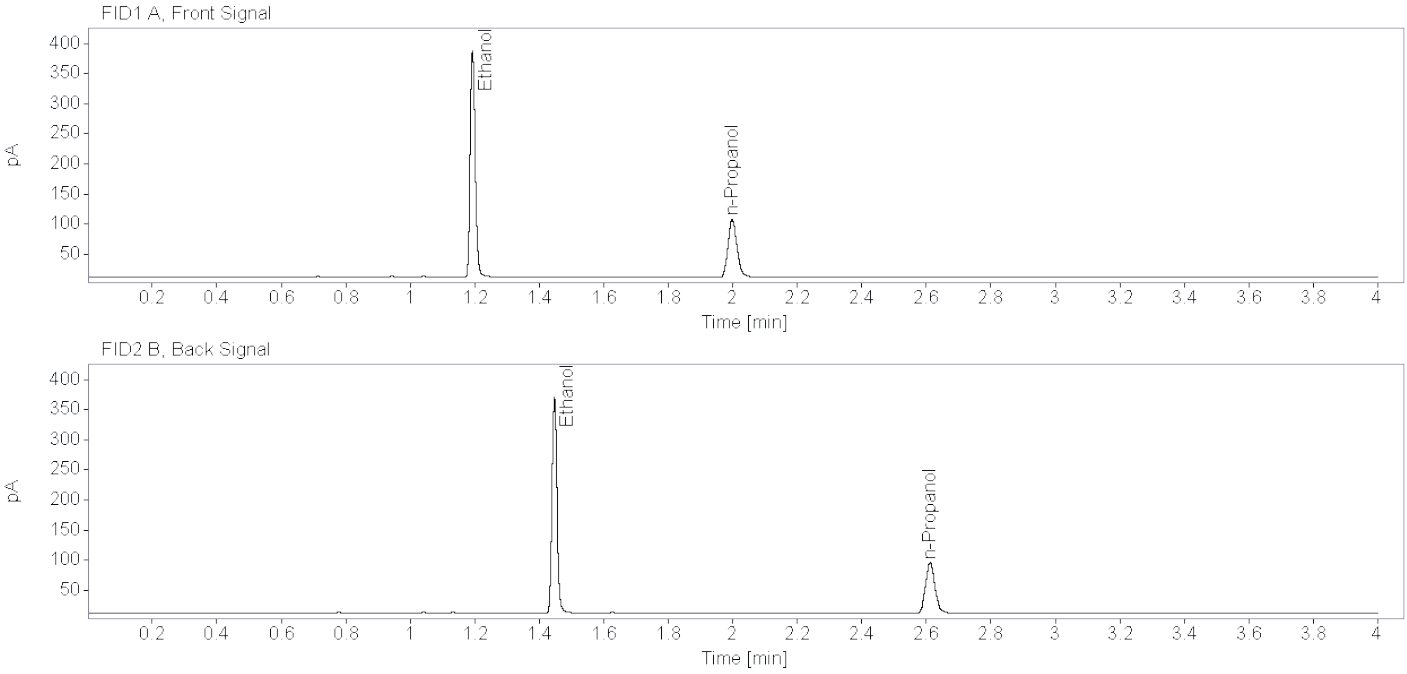
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1416 001_001 (24-1868) **Description:** Alq 1 **Sample Barcode** 24-1868 **Vial Number:** 30

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 4:24:32 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82680	1.193	1.192	412.8272	0.3905
n-Propanol	0.82838	1.998	1.997	186.5416	0.0100

Name FID2B

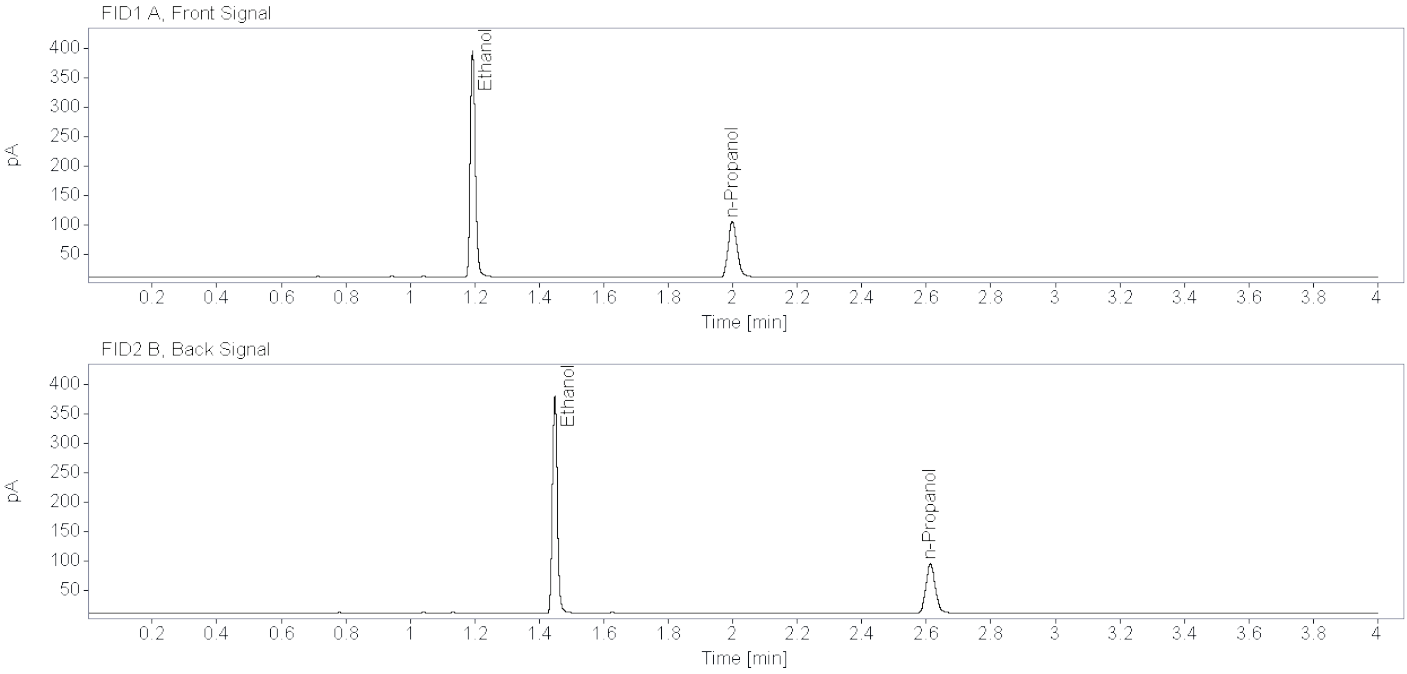
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87306	1.447	1.445	384.9097	0.3893
n-Propanol	0.87851	2.612	2.610	170.6696	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1416 001_001 (24-1894) **Description:** Alq 2 **Sample Barcode** 24-1894 **Vial Number:** 56

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 6:40:28 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\056F5601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81060	1.194	1.192	420.8621	0.4037
n-Propanol	0.80779	1.999	1.997	183.9571	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86331	1.448	1.445	393.8550	0.4007
n-Propanol	0.85213	2.613	2.610	169.6784	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1417 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1578	Aliquot 1:	0.1571
	Aliquot 2:	0.1623	Aliquot 2:	0.1615

Reported Result: **0.159** **g/100 mL**

Reported UM: **0.023** **g/100 mL**

Comments:

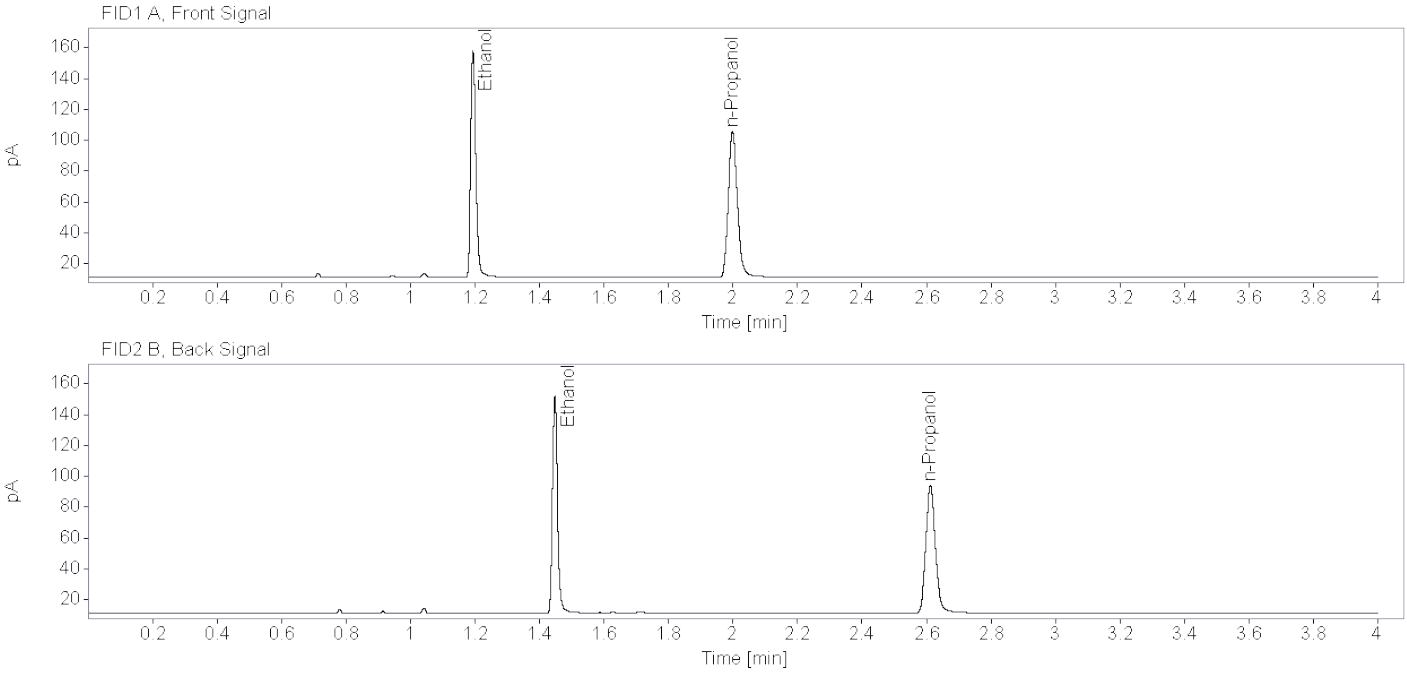
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1417 001_001 (24-1869) **Description:** Alq 1 **Sample Barcode** 24-1869 **Vial Number:** 31

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 4:30:03 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77004	1.194	1.192	162.8608	0.1578
n-Propanol	0.82264	1.998	1.997	182.9059	0.0100

Name FID2B

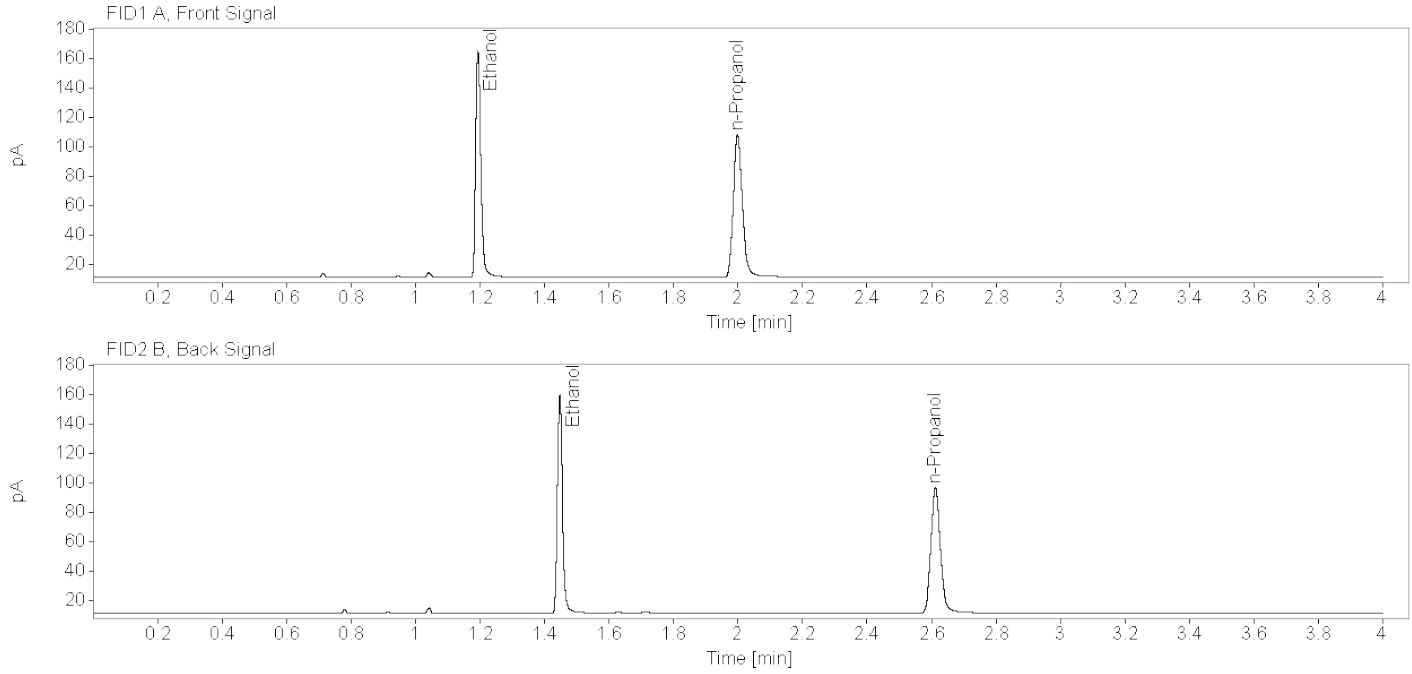
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80407	1.448	1.445	152.3585	0.1571
n-Propanol	0.85623	2.612	2.610	168.2400	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1417 001_001 (24-1893) **Description:** Alq 2 **Sample Barcode** 24-1893 **Vial Number:** 55

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 6:34:51 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\055F5501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76202	1.194	1.192	171.0784	0.1623
n-Propanol	0.81172	1.998	1.997	186.8504	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80276	1.448	1.445	160.6487	0.1615
n-Propanol	0.85343	2.612	2.610	172.5394	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1428 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

		FID1		FID2
Ethanol				
	Aliquot 1:	0.1342	Aliquot 1:	0.1337
	Aliquot 2:	0.1334	Aliquot 2:	0.1331

Reported Result: **0.133** **g/100 mL**

Reported UM: **0.019** **g/100 mL**

Comments:

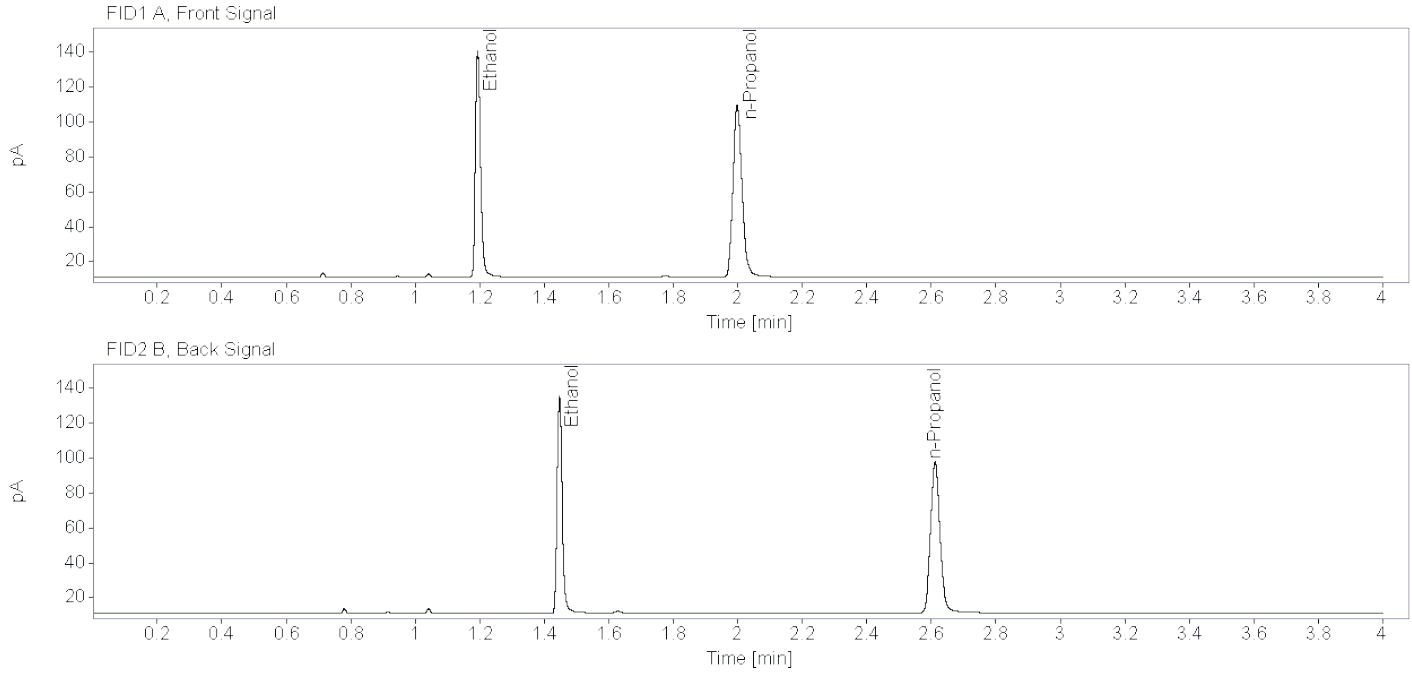
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1428 001_001 (24-1870) **Description:** Alq 1 **Sample Barcode** 24-1870 **Vial Number:** 32

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 4:34:56 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76741	1.194	1.192	144.3723	0.1342
n-Propanol	0.82444	1.998	1.997	190.9645	0.0100

Name FID2B

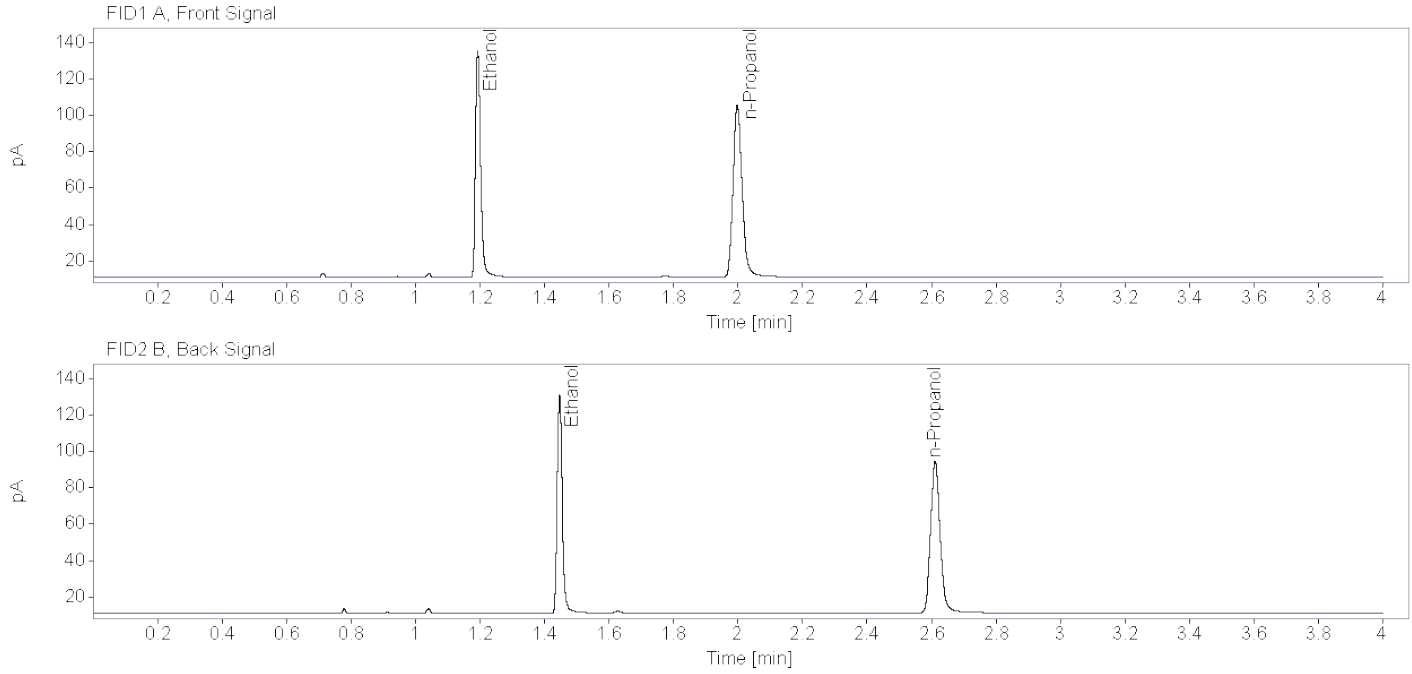
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80624	1.447	1.445	134.7645	0.1337
n-Propanol	0.87883	2.612	2.610	175.0657	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1428 001_001 (24-1891) **Description:** Alq 2 **Sample Barcode** 24-1891 **Vial Number:** 53

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 6:24:28 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75990	1.193	1.192	137.7563	0.1334
n-Propanol	0.82119	1.998	1.997	183.2621	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80666	1.447	1.445	129.4477	0.1331
n-Propanol	0.87091	2.611	2.610	168.8784	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1430 004_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2317	Aliquot 1:	0.2303
	Aliquot 2:	0.2402	Aliquot 2:	0.2377

Reported Result: **0.234** **g/100 mL**

Reported UM: **0.034** **g/100 mL**

Comments:

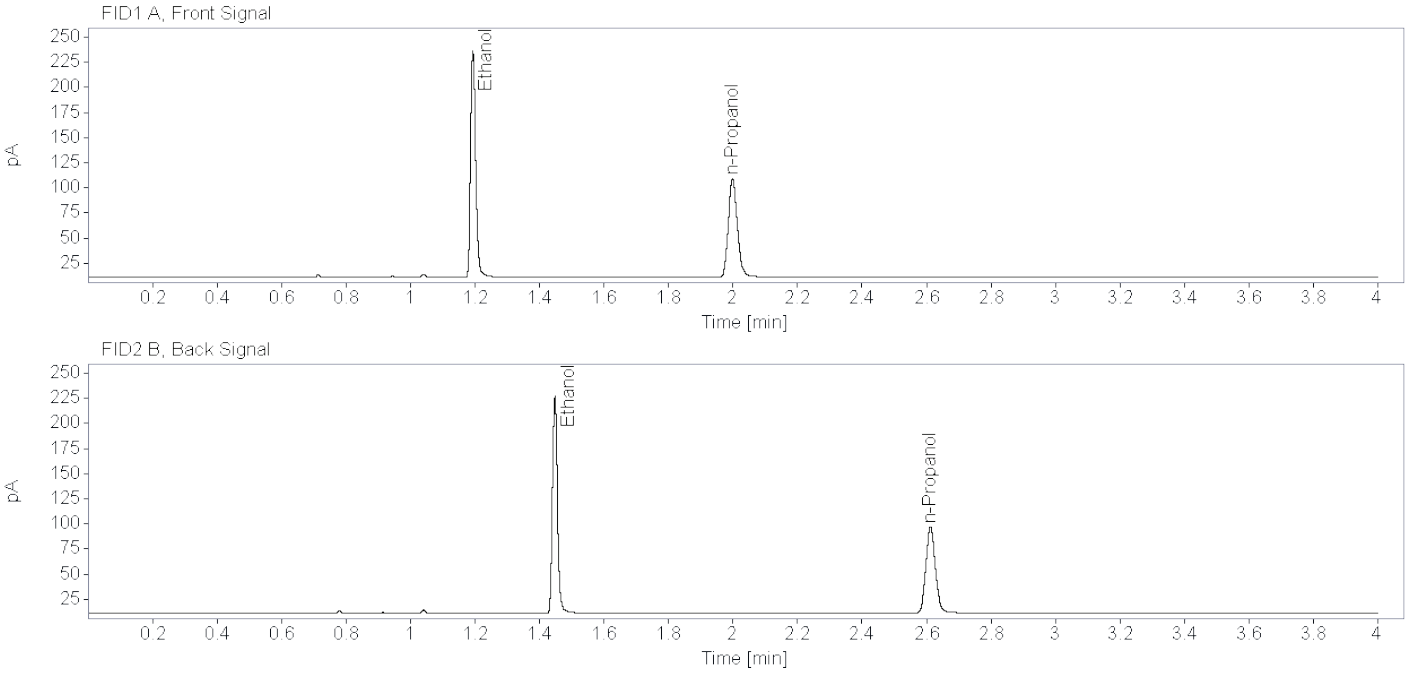
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1430 004_001 (24-1872) **Description:** Alq 1 **Sample Barcode** 24-1872 **Vial Number:** 34

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 4:45:21 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80538	1.194	1.192	248.0991	0.2317
n-Propanol	0.81971	1.998	1.997	189.3889	0.0100

Name FID2B

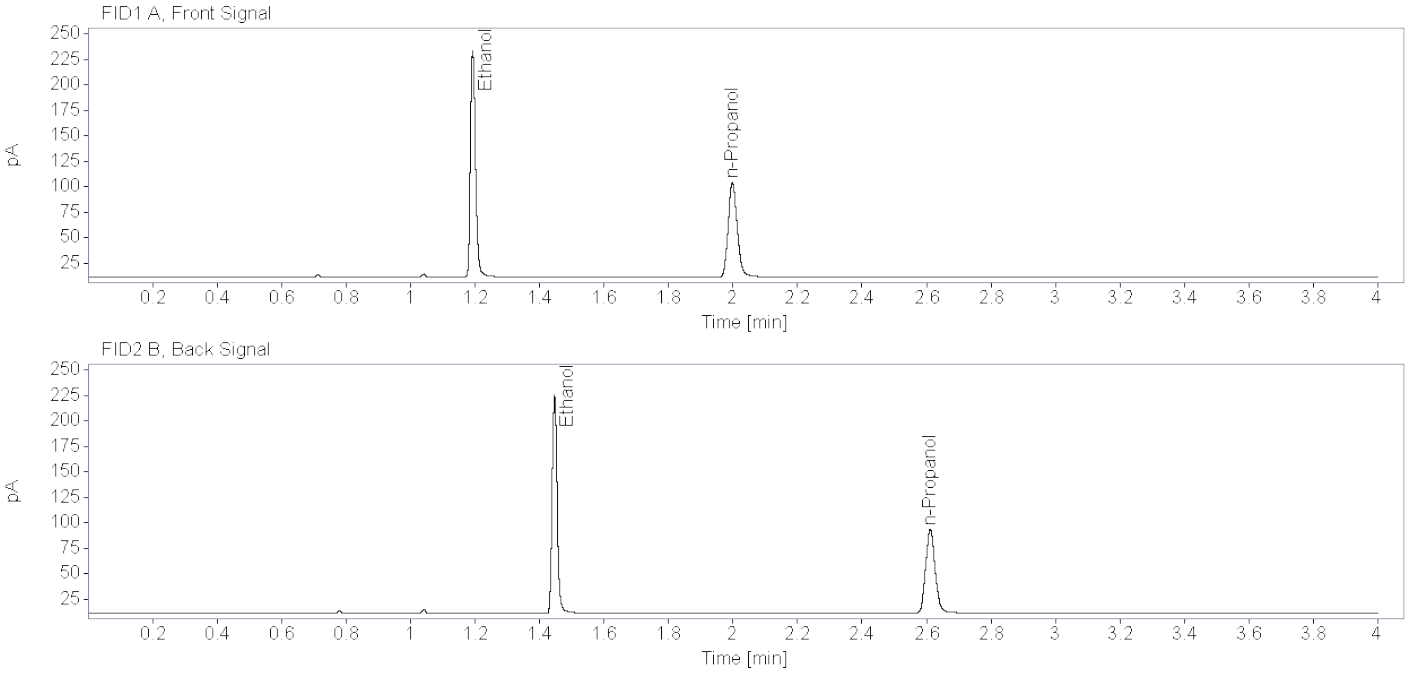
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82817	1.448	1.445	231.8220	0.2303
n-Propanol	0.86374	2.612	2.610	174.1651	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1430 004_001 (24-1890) **Description:** Alq 2 **Sample Barcode** 24-1890 **Vial Number:** 52

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 6:19:39 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78314	1.193	1.192	244.8070	0.2402
n-Propanol	0.81144	1.998	1.997	180.2003	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83582	1.447	1.445	229.1038	0.2377
n-Propanol	0.87448	2.611	2.610	166.6933	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1439 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1305	Aliquot 1:	0.1299
	Aliquot 2:	0.1391	Aliquot 2:	0.1387

Reported Result: 0.134 g/100 mL

Reported UM: 0.019 g/100 mL

Comments:

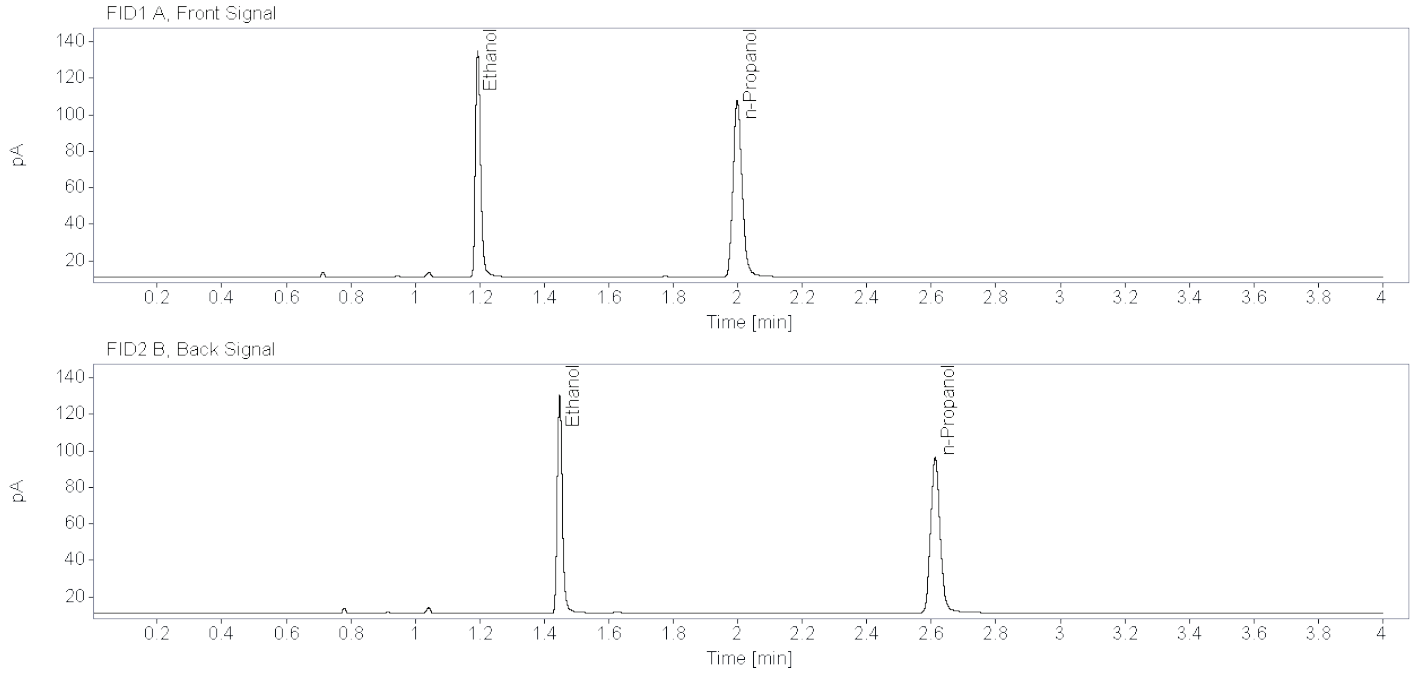
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1439 001_001 (24-1873) **Description:** Alq 1 **Sample Barcode** 24-1873 **Vial Number:** 35

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 4:50:51 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76721	1.194	1.192	138.1089	0.1305
n-Propanol	0.82788	1.998	1.997	187.9438	0.0100

Name FID2B

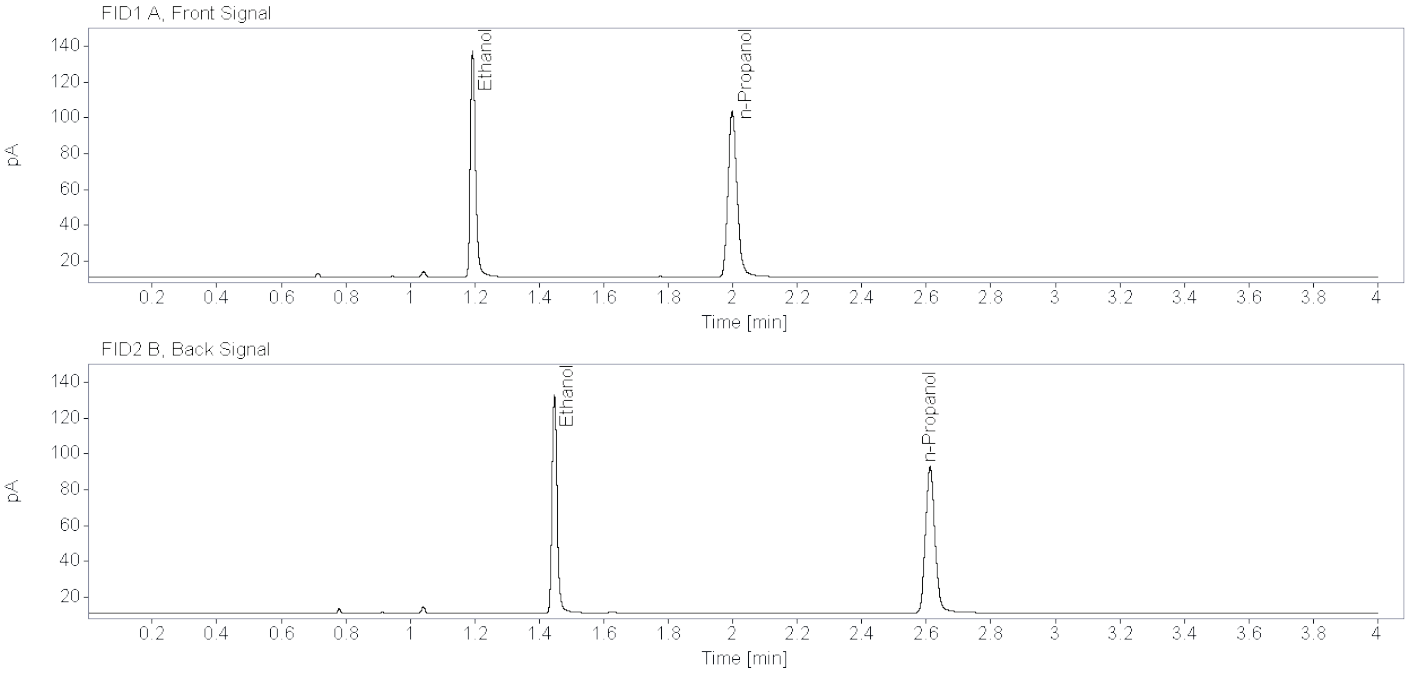
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81290	1.448	1.445	129.0652	0.1299
n-Propanol	0.87684	2.612	2.610	172.6060	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1439 001_001 (24-1889) **Description:** Alq 2 **Sample Barcode** 24-1889 **Vial Number:** 51

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 6:14:04 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75339	1.194	1.192	140.6310	0.1391
n-Propanol	0.81355	1.998	1.997	179.3733	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79557	1.447	1.445	132.0724	0.1387
n-Propanol	0.86947	2.612	2.610	165.2774	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1440 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

Reported UM: _____

Comments:

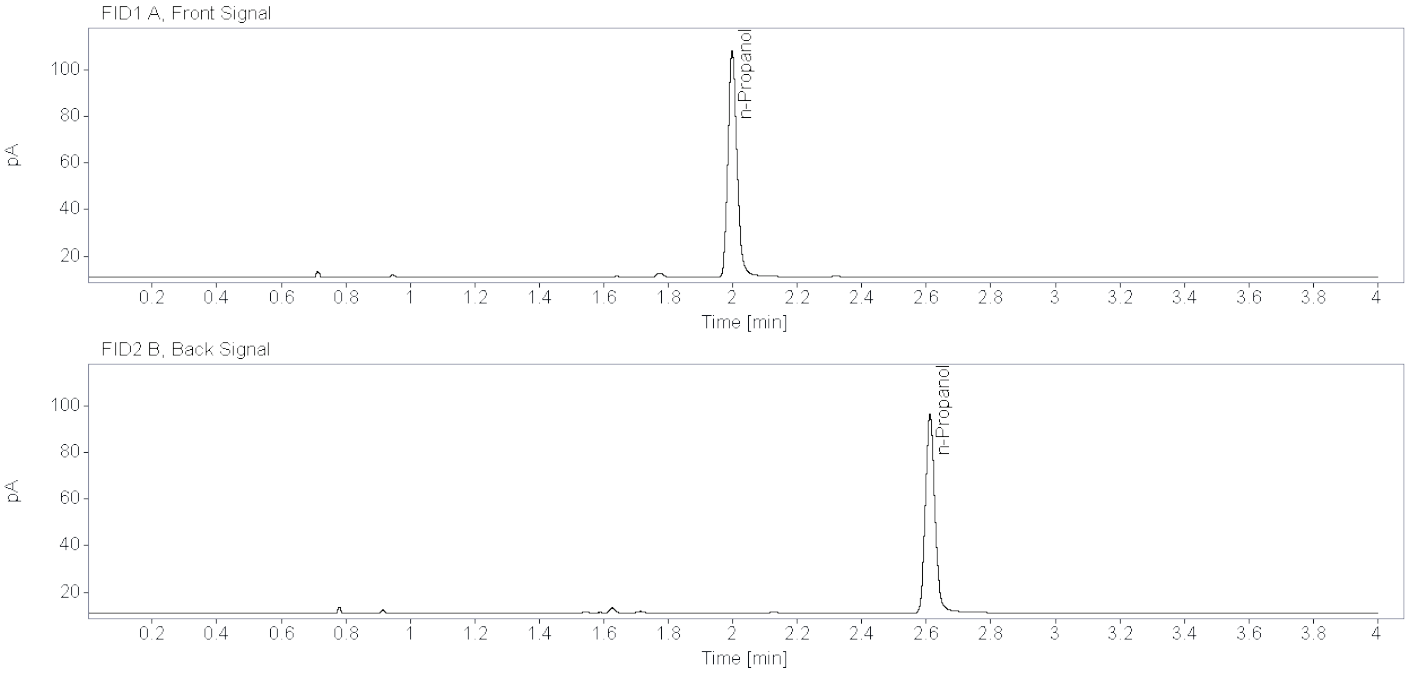
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1440 001_001 (24-1874) **Description:** Alq 1 **Sample Barcode** 24-1874 **Vial Number:** 36

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 4:55:45 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82156	1.998	1.997	187.9975	0.0100

Name FID2B

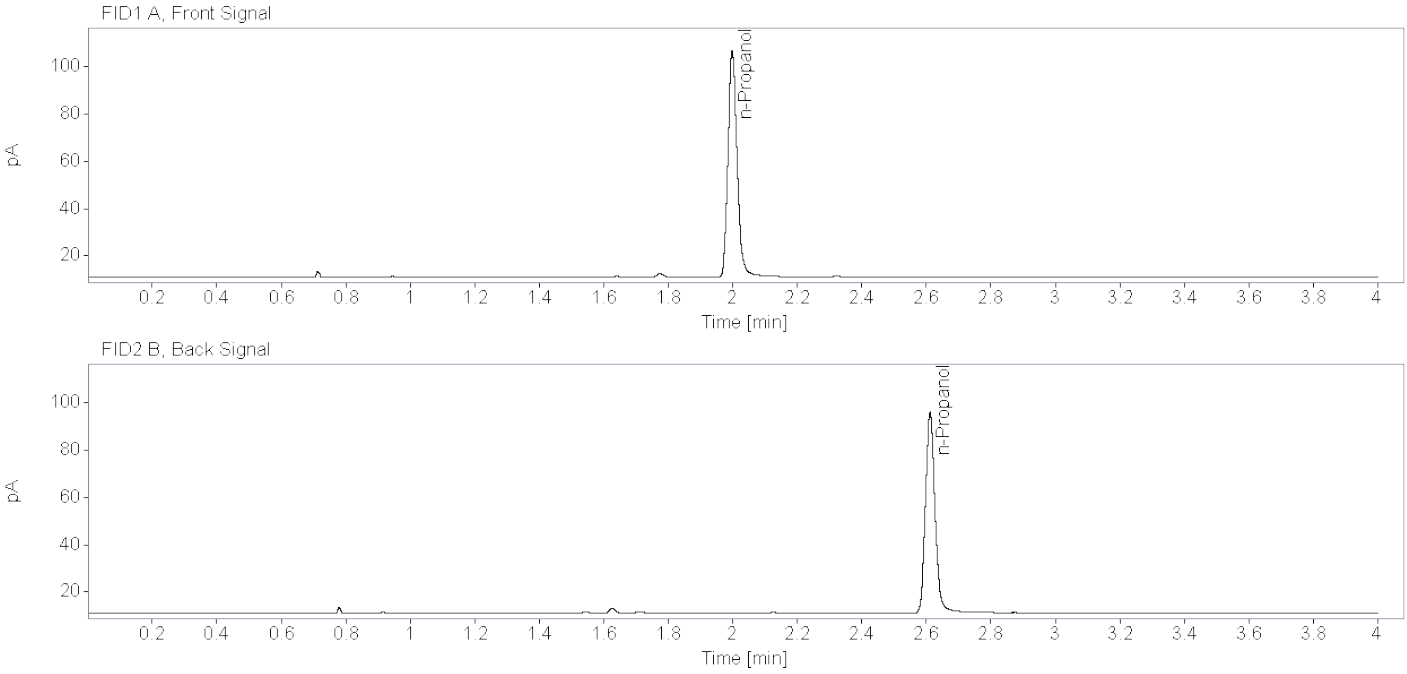
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87247	2.611	2.610	172.6458	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1440 001_001 (24-1888) **Description:** Alq 2 **Sample Barcode** 24-1888 **Vial Number:** 50

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 6:09:16 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81937	1.998	1.997	186.0251	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87245	2.612	2.610	171.8874	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1441 002_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0972	Aliquot 1:	0.0968
	Aliquot 2:	0.1057	Aliquot 2:	0.1055

Reported Result: **0.101** **g/100 mL**

Reported UM: **0.015** **g/100 mL**

Comments:

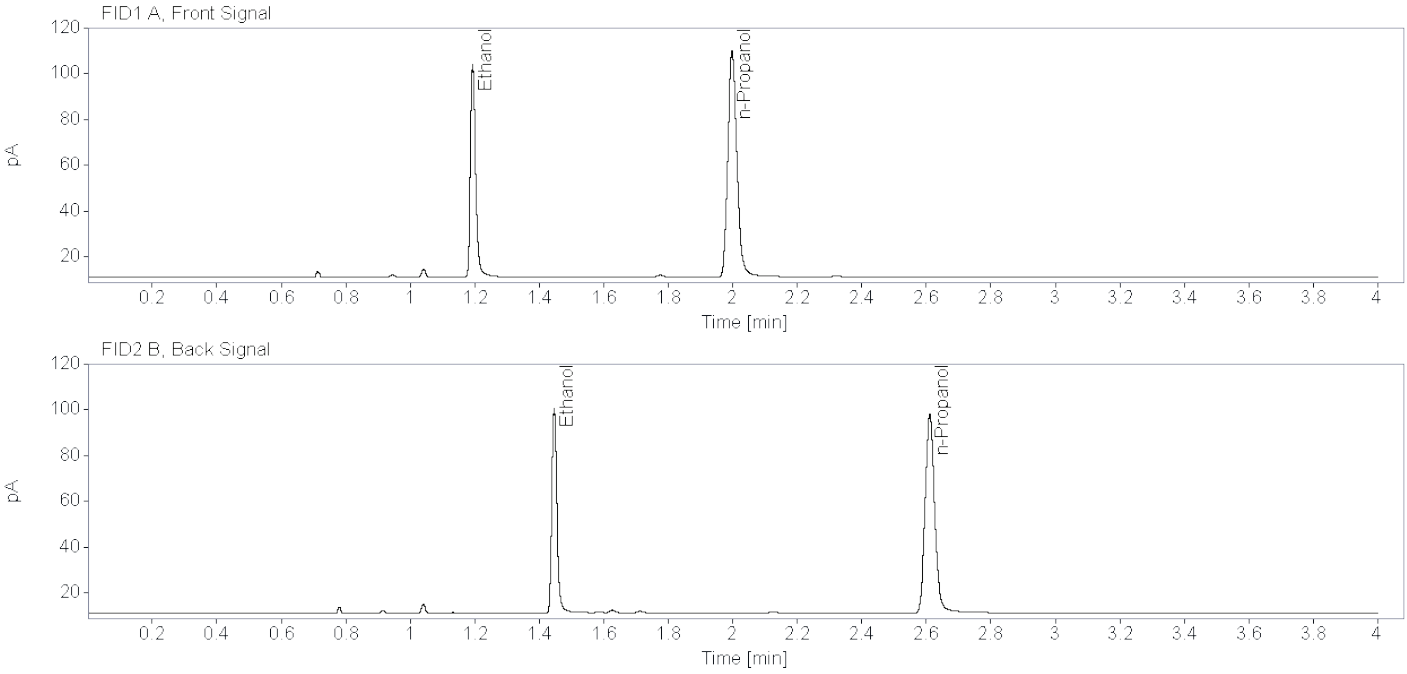
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1441 002_001 (24-1875) **Description:** Alq 1 **Sample Barcode** 24-1875 **Vial Number:** 37

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:01:15 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74659	1.194	1.192	104.3483	0.0972
n-Propanol	0.82008	1.998	1.997	191.1852	0.0100

Name FID2B

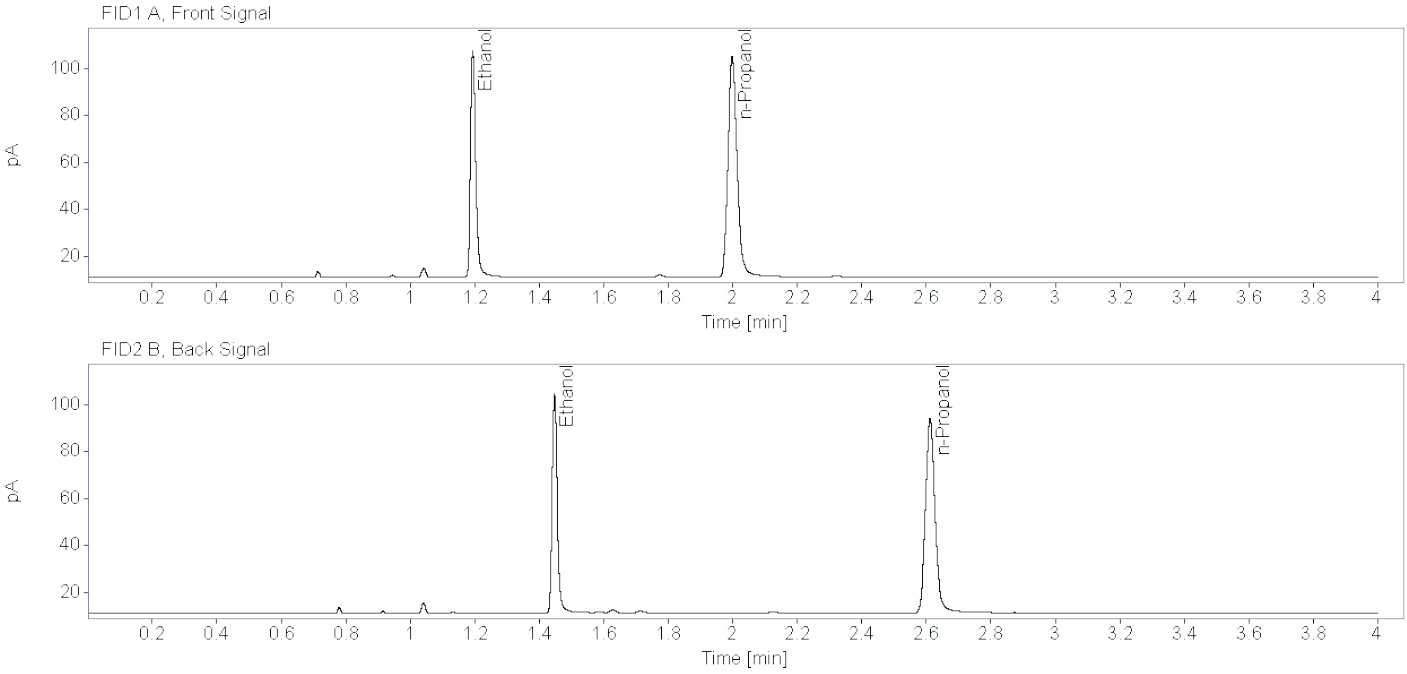
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77395	1.446	1.445	97.8826	0.0968
n-Propanol	0.87366	2.611	2.610	176.3008	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1441 002_001 (24-1887) **Description:** Alq 2 **Sample Barcode** 24-1887 **Vial Number:** 49

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 6:03:40 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75416	1.194	1.192	108.0911	0.1057
n-Propanol	0.81941	1.998	1.997	182.0219	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79459	1.448	1.445	101.7205	0.1055
n-Propanol	0.86648	2.612	2.610	167.8279	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1455 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3176	Aliquot 1:	0.3153
	Aliquot 2:	0.3229	Aliquot 2:	0.3209

Reported Result: **0.319** **g/100 mL**

Reported UM: **0.046** **g/100 mL**

Comments:

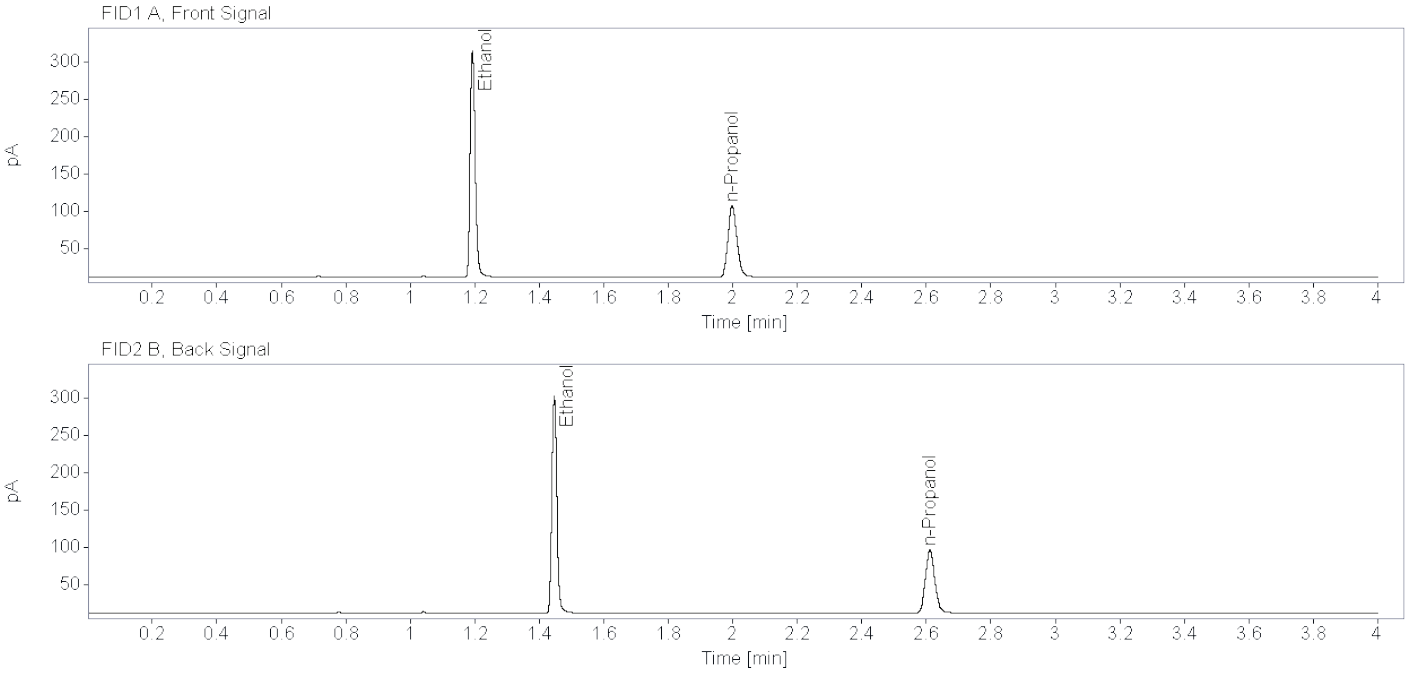
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1455 001_001 (24-1876) **Description:** Alq 1 **Sample Barcode** 24-1876 **Vial Number:** 38

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:06:09 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80974	1.193	1.192	334.6295	0.3176
n-Propanol	0.81816	1.998	1.997	186.0790	0.0100

Name FID2B

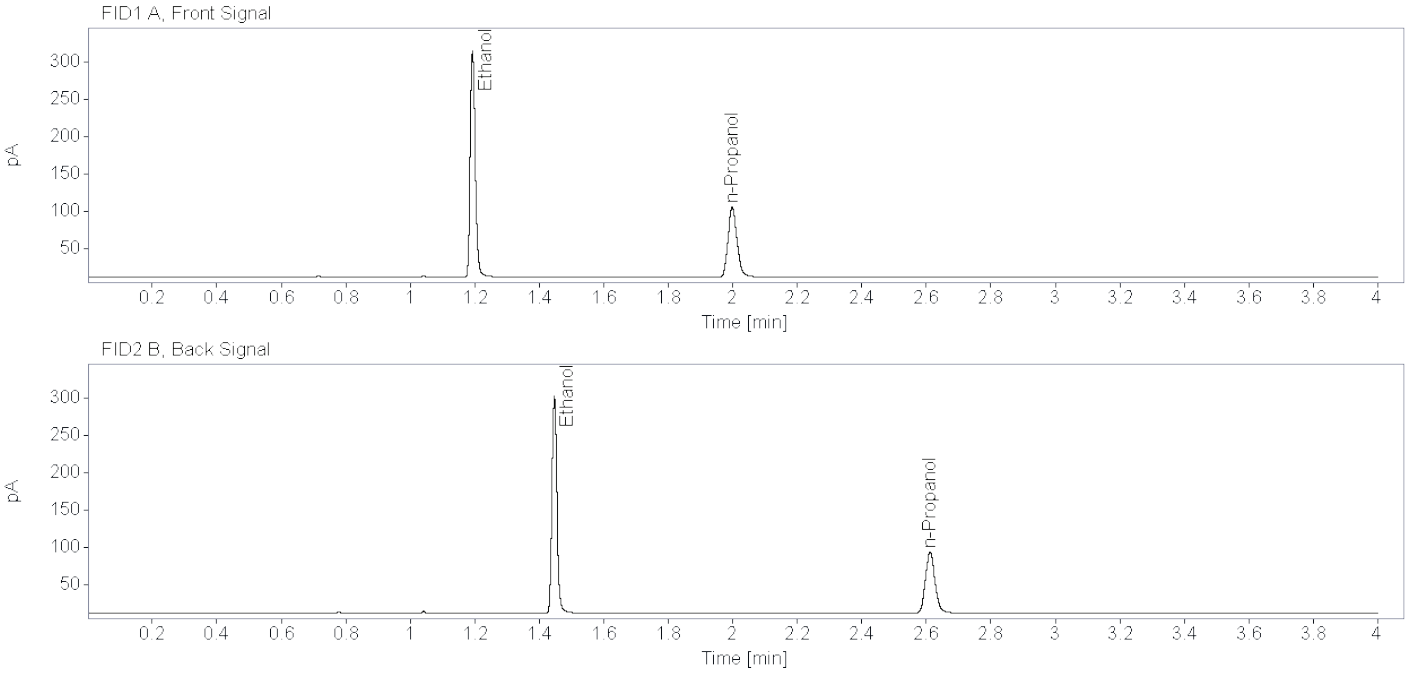
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84103	1.447	1.445	312.6613	0.3153
n-Propanol	0.87243	2.611	2.610	171.2978	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1455 001_001 (24-1886) **Description:** Alq 2 **Sample Barcode** 24-1886 **Vial Number:** 48

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:58:51 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79528	1.193	1.192	334.0132	0.3229
n-Propanol	0.81756	1.998	1.997	182.6516	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84573	1.447	1.445	312.7176	0.3209
n-Propanol	0.86987	2.612	2.610	168.3637	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1470 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

		FID1		FID2
Ethanol				
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: none detected

Reported UM: _____

Comments:

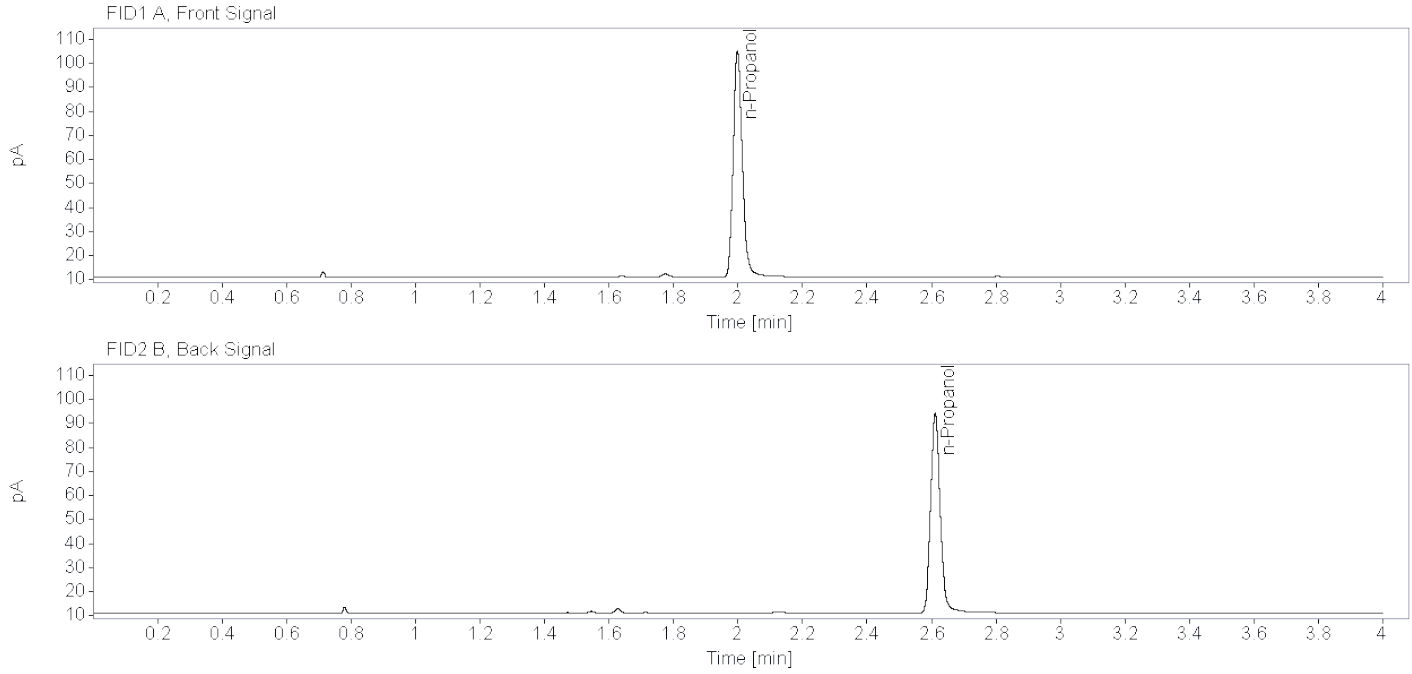
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1470 001_001 (24-1877) **Description:** Alq 1 **Sample Barcode** 24-1877 **Vial Number:** 39

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:11:41 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81864	1.998	1.997	182.8522	0.0100

Name FID2B

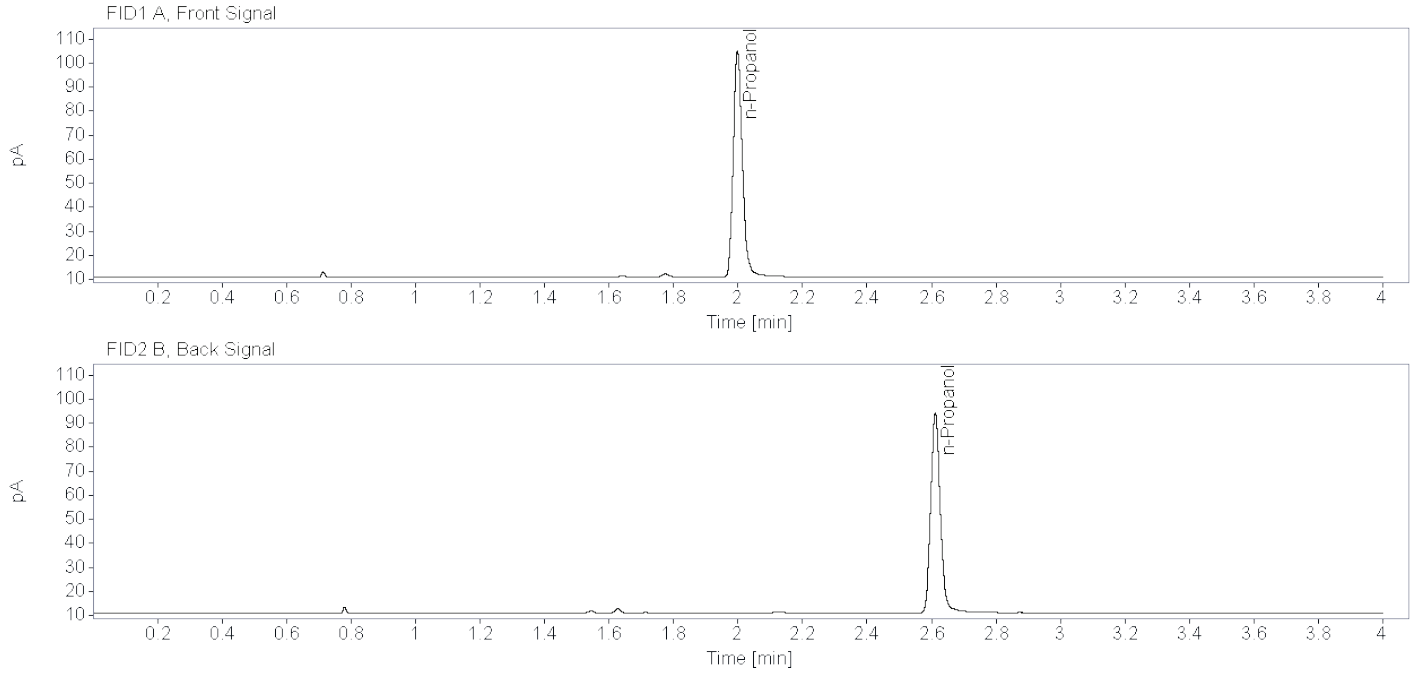
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85678	2.611	2.610	168.6855	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1470 001_001 (24-1885) **Description:** Alq 2 **Sample Barcode** 24-1885 **Vial Number:** 47

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:53:16 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81683	1.998	1.997	182.5087	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85187	2.612	2.610	168.6463	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1487 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1501	Aliquot 1:	0.1492
	Aliquot 2:	0.1640	Aliquot 2:	0.1646

Reported Result: **0.156** **g/100 mL**

Reported UM: **0.022** **g/100 mL**

Comments:

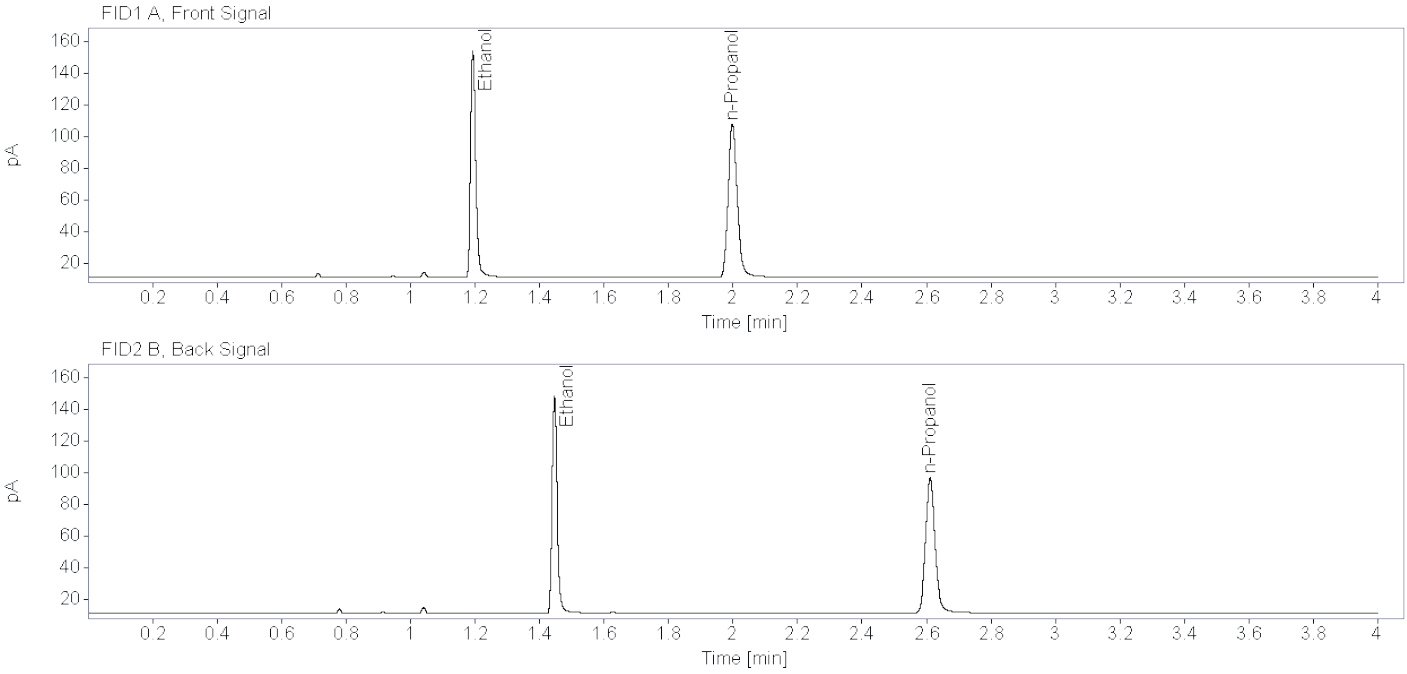
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1487 001_001 (24-1878) **Description:** Alq 1 **Sample Barcode** 24-1878 **Vial Number:** 40

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:16:33 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77791	1.194	1.192	159.1936	0.1501
n-Propanol	0.81424	1.998	1.997	188.0908	0.0100

Name FID2B

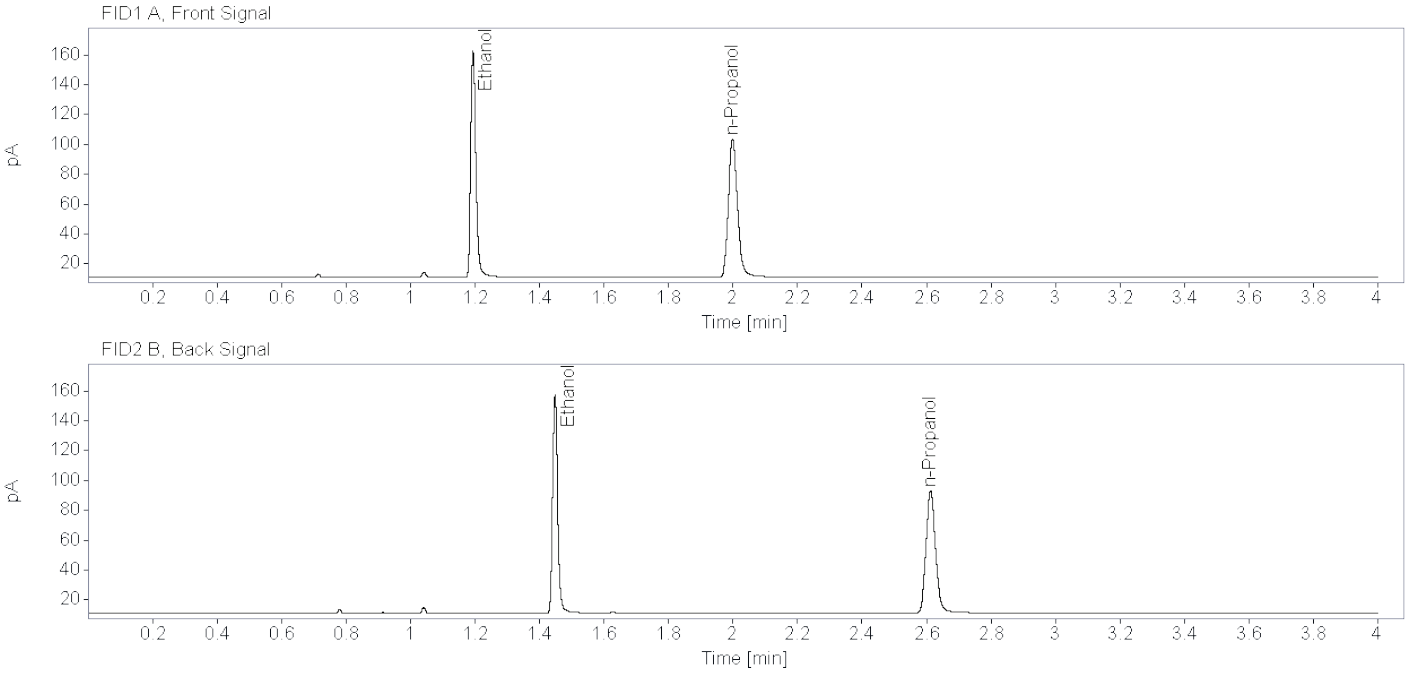
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80910	1.447	1.445	149.0238	0.1492
n-Propanol	0.88279	2.611	2.610	173.3109	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1487 001_001 (24-1884) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 46

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:48:27 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76582	1.194	1.192	162.5850	0.1640
n-Propanol	0.81382	1.999	1.997	179.7089	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80806	1.448	1.445	157.8220	0.1646
n-Propanol	0.86119	2.613	2.610	166.2478	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1506 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

Reported UM: _____

Comments:

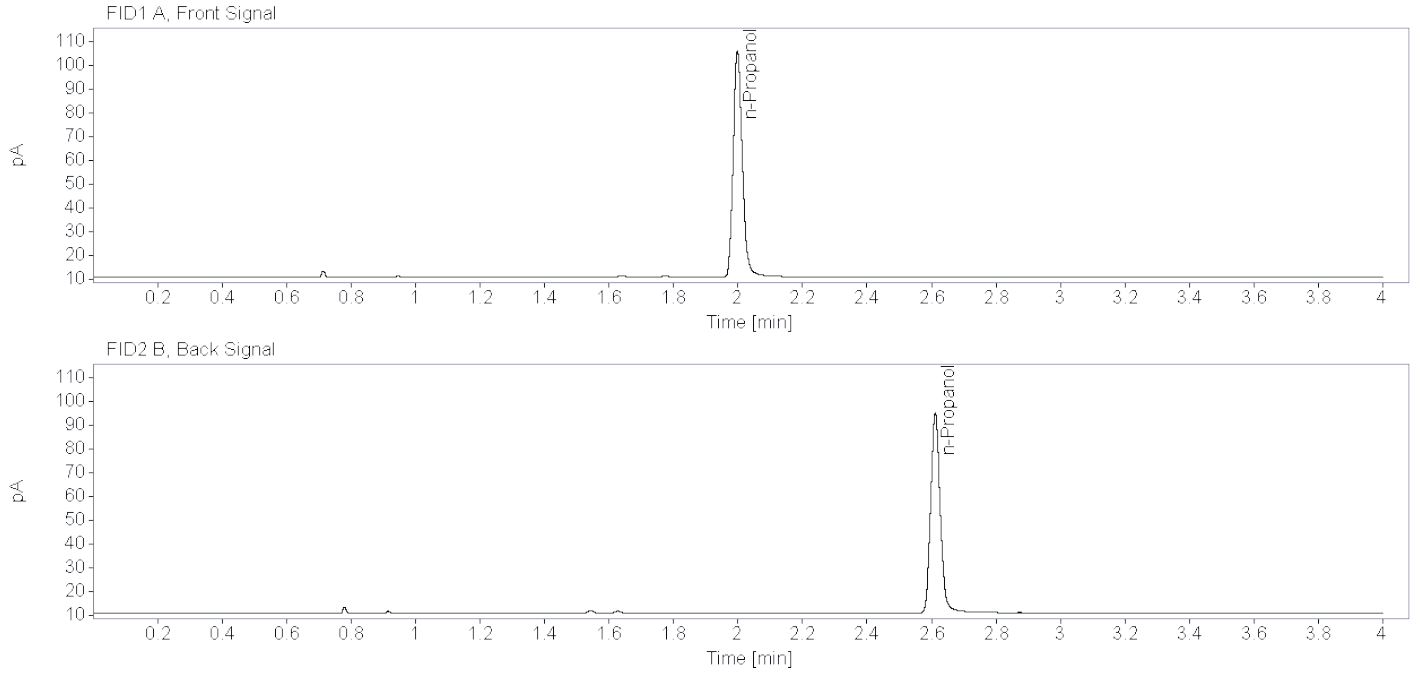
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1506 001_001 (24-1879) **Description:** Alq 1 **Sample Barcode** 24-1879 **Vial Number:** 41

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:22:03 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81301	1.998	1.997	184.3070	0.0100

Name FID2B

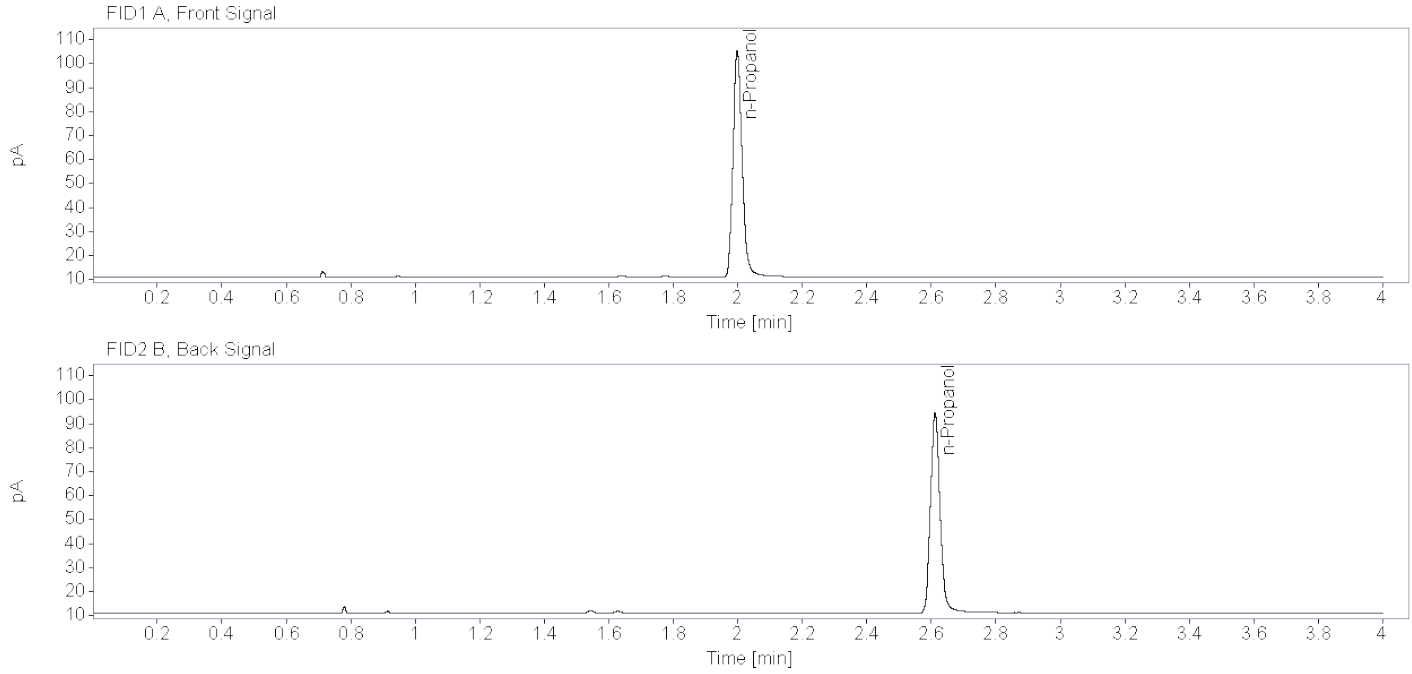
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86603	2.612	2.610	169.9965	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1506 001_001 (24-1883) **Description:** Alq 2 **Sample Barcode** 24-1883 **Vial Number:** 45

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:42:52 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82243	1.998	1.997	183.0982	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87643	2.612	2.610	168.6804	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1524 001_001

Batch Name: BAC_20240905_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3591	Aliquot 1:	0.3549
	Aliquot 2:	0.3512	Aliquot 2:	0.3487

Reported Result: **0.353** **g/100 mL**

Reported UM: **0.051** **g/100 mL**

Comments:

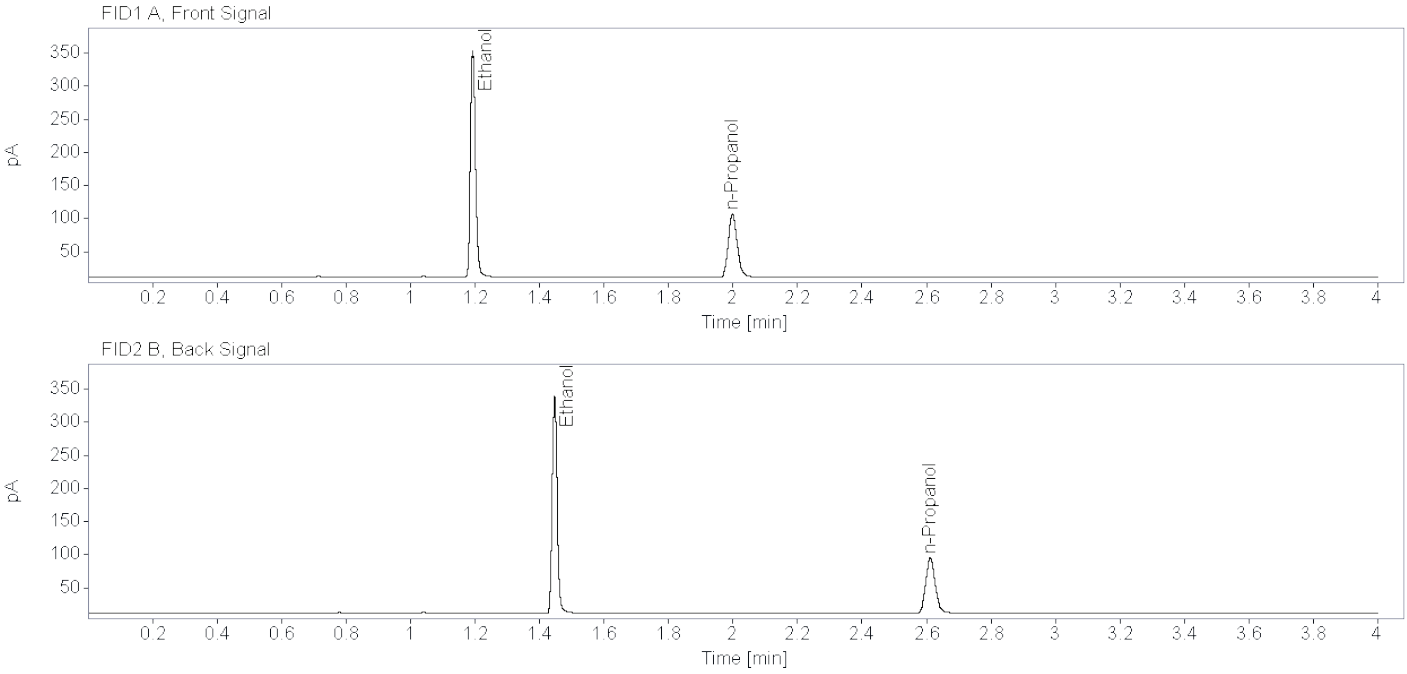
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1524 001_001 (24-1880) **Description:** Alq 1 **Sample Barcode** 24-1880 **Vial Number:** 42

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:26:57 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81174	1.193	1.192	375.9917	0.3591
n-Propanol	0.81537	1.998	1.997	184.8359	0.0100

Name FID2B

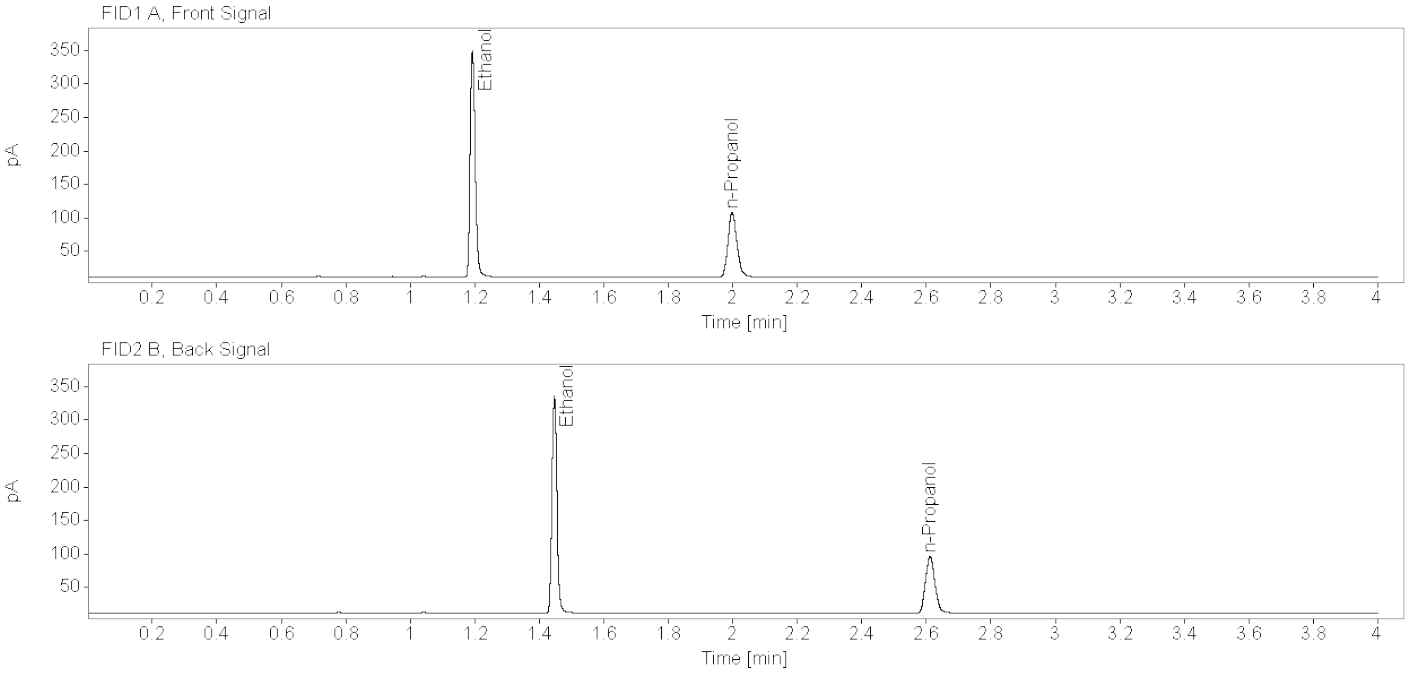
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87284	1.447	1.445	351.1378	0.3549
n-Propanol	0.86512	2.612	2.610	170.8478	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1524 001_001 (24-1882) **Description:** Alq 2 **Sample Barcode** 24-1882 **Vial Number:** 44

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/5/2024 5:37:21 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240905_MH 2024-09-05 13-43-07\044F4401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81325	1.193	1.192	371.5514	0.3512
n-Propanol	0.82125	1.998	1.997	186.7366	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85502	1.447	1.445	347.5982	0.3487
n-Propanol	0.87411	2.612	2.610	172.1617	0.0100